

MV-700HR

SERVICE MANUAL

Ver. 1.2 2005.08

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Chinese Model



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Model Name Using Similar Mechanism	NEW
Optical Pick-up Block Name	SDR-085T

SPECIFICATIONS

System

Laser	Semiconductor laser
Signal format system	PAL / NTSC

Audio characteristics

Frequency response	20 Hz to 20 kHz
Signal to noise ratio	90 dB (A)
Harmonic distortion	0.03%
Dynamic range	90 dB
Wow and flutter	below measurable limits (±0.001% W PEAK)

Radio section (US, CND, E (PAL), TW, KR, AUS, CH)

Tuning range	FM: 87.5 - 108.0 MHz
Intermediate frequency	225 kHz
Usable sensitivity	20 dBf
Frequency response	30 - 15,000 Hz
S/N ratio	66 dB (stereo) 66 dB (mono)
Harmonic distortion at 1 kHz	0.8% (stereo) 0.8% (mono)
Separation	30 dB at 1 kHz

General

Outputs	Audio/video output Headphones output Optical output
Inputs	Audio/video input DC 12V input 12 V DC
Power requirements	Approx. 220 × 44 × 152 mm (w / h / d)

Mass	Approx. 1.2 kg
Operating temperature	0°C to 45°C
Supplied accessories	AC power adaptor (1) (including AC power cords (2) (AEP, UK), (1) (except AEP, UK)) Power cord for the cigar lighter socket (1) Card remote commander RM-X707 (1) Headrest installation kit (1) Installation cradle (1) Lithium battery for memory back-up CR2032 (1) Carrying bag (1) Operating Instructions (1) Audio / video cable (1) (except AEP, UK, RU) FM antenna (1) (US, CND, E (PAL), TW, KR, AUS, CH) Rechargeable battery (1) (US, CND, E (NTSC)) Power cable (1) (E (PAL), TW, KR, AUS, CH) Connection box XA-121 (E (PAL), TW, KR, AUS, CH)

Monitor

System	Liquid crystal color display
Display	Manual flipdown panel
Drive system	TFT-LCD active matrix system
Picture size	7 inches wide screen (16:9)
Picture segment	336,960 (w 1440 × h 234) dots

– Continued on next page –

PORTABLE DVD PLAYER

SONY®

9-879-661-03
2005H05-1
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Sony Corporation
e Vehicle Group
Published by Sony Engineering Corporation

On power sources

- Use house current or a car battery (12 V DC).
- For use in your house, use the AC power adaptor supplied with the player. Do not use any other AC power adaptor since it may cause the player to malfunction.

Polarity of the plug



Design and specifications are subject to change without notice.

- Abbreviation
AUS : Australian model
CH : Chinese model
CND: Canadian model
KR : Korean model
TW : Taiwan model

CAUTION

The use of optical instruments with this product will increase eye hazard.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

CLASS 1 LASER PRODUCT

This label is located on the bottom of the chassis.

CAUTION :CLASS 1M VISIBLE/INVISIBLE LASER
RADIATION WHEN OPEN AND INTERLOCKS DEFEATED.
DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.

This label is located on the drive unit's internal chassis

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
Discard used batteries according to the manufacturer's instructions.

ADVARSEL!

Lithiumbatteri-Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri
af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandøren.

ADVARSEL

Ekspløsjonsfare ved feilaktig skifte av batteri.
Benytt samme batteritype eller en tilsvarende type
anbefalt av apparatfabrikanten.
Brukte batterier kasseres i henhold til fabrikantens
instruksjoner.

WARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en likvärdig typ som
rekommenderas av apparattillverkaren.
Kassera använt batteri enligt gällande föreskrifter.

VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin.
Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

关于安全相关零部件的警告

原理图和零件清单中标有△记号的零部件、或带有△记号的虚线所表示的零部件，对于安全操作至关重要。更换时，必须依据本手册或索尼公司追加发行的手册中列明的零件号，使用索尼公司的零件进行。

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE △ SUR
LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES
PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE
FONCTIONNEMENT. NE REMPLACER CES COM-
POSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT
DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS
PUBLIÉS PAR SONY.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK △ OR DOTTED LINE
WITH MARK △ ON THE SCHEMATIC DIAGRAMS AND IN
THE PARTS LIST ARE CRITICAL TO SAFE OPERATION.
REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE
PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR
IN SUPPLEMENTS PUBLISHED BY SONY.

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SECTION 1 SERVICING NOTES

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body. During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

Never look into the laser diode emission from right above when checking it for adjustment. It is feared that you will lose your sight.

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.

(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

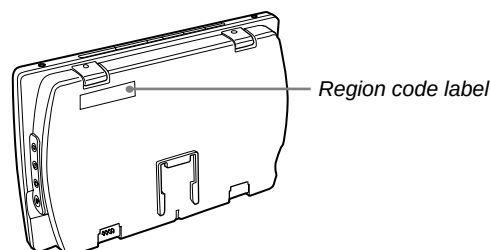
: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.
Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
Soldering irons using a temperature regulator should be set to about 350 °C.
Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

MODEL IDENTIFICATION

– Bottom View –



Label indication		Destination
Signal format system	Region code	
NTSC	1	US, Canadian models
PAL	2	AEP, UK models
PAL	5	Russian model
PAL	3	E (PAL), Taiwan, Korean, Australian models
NTSC	4	E (NTSC) model
PAL	6	Chinese model

NOTE FOR REPLACING THE MAIN BOARD OR IC105 ON THE MAIN BOARD

This set requires writing the region code for each destination, if the MAIN board or IC105 was replaced. Therefore, be sure perform the region code writing as below.

1. Download the software for region code from website of the ESI and write this software to a CD-R.
2. Set the CD-R to the set and load the software.

About the discs this player can play

This player can play the following discs:

- DVD Video
- DVD-R / DVD+R
- DVD-RW / DVD+RW
- Video CD
- Audio CD
- CD-R / CD-RW

Format of discs

DVD VIDEO



DVD-R*



DVD-RW*



DVD+R*



DVD+RW*



Video CD



Audio CD



CD-R*



CD-RW*



* Including MP3/JPEG/DivX® files.
“DVD VIDEO,” “DVD-R,” “DVD-RW,”
“DVD+R,” and “DVD+RW” are trademarks.

Notes on CD-Rs (recordable CDs)/
CD-RWs (rewritable CDs)/DVD-Rs
(recordable DVDs)/DVD+Rs/DVD-
RWs (rewritable DVDs)/DVD+RWs

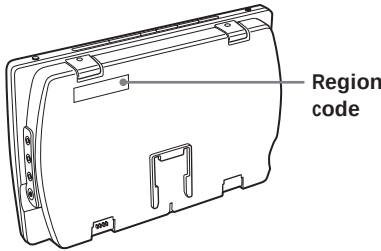
- Some CD-Rs / CD-RWs / DVD-Rs / DVD+Rs / DVD-RWs / DVD+RWs (depending on the equipment used for its recording or the condition of the disc) may not play on this player.
- You cannot play a CD-R / CD-RW that is not finalized*.
- You can play MP3/JPEG/DivX files recorded on CD-ROMs, CD-Rs, CD-RWs, DVD-Rs, DVD+Rs, DVD-RWs and DVD+RWs.

* A process necessary for a recorded CD-R/CD-RW disc to be played on the CD player.

Region code of DVDs this player can play

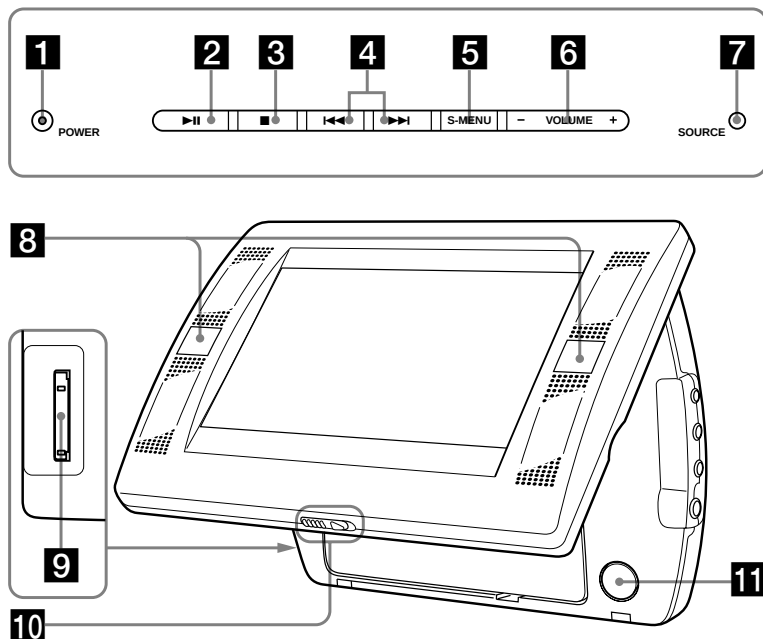
This player has a region code printed on the bottom of the player and will only play DVDs that are labeled with identical region codes. DVDs labeled  will also be played on this player.

If you try to play any other DVD, the message “Wrong Region” will appear on the screen. Depending on the DVD, the region code indication may not appear even if the DVD is prohibited by area restrictions.



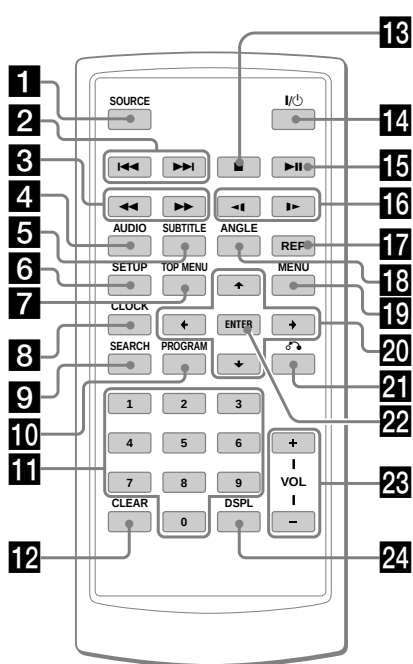
Location of controls

MV-700HR



- 1 POWER (on/off) button**
To turn on / off the monitor.
- 2 ►|| (play/pause) button**
- 3 ■ (stop) button**
- 4 ◀◀ (previous)/▶▶ (next) buttons**
- 5 S-MENU button**
To make various display settings.
- 6 VOLUME-/+ buttons**
To turn up or down the volume or to select the item during menu operation.
- 7 SOURCE button**
To select the input source.
- 8 Receptor for the card remote commander/Transmitter for the cordless headphones**
- 9 "Memory Stick" slot**
- 10 Release lever**
- 11 PUSH OPEN**

Card remote commander RM-X707



The corresponding buttons of the card remote commander control the same functions as those on the player.
Instructions in this manual describe how to use the player by mainly using the card remote commander.

Tip
Refer to "Replacing the lithium battery of the card remote commander" for details on how to replace the battery.

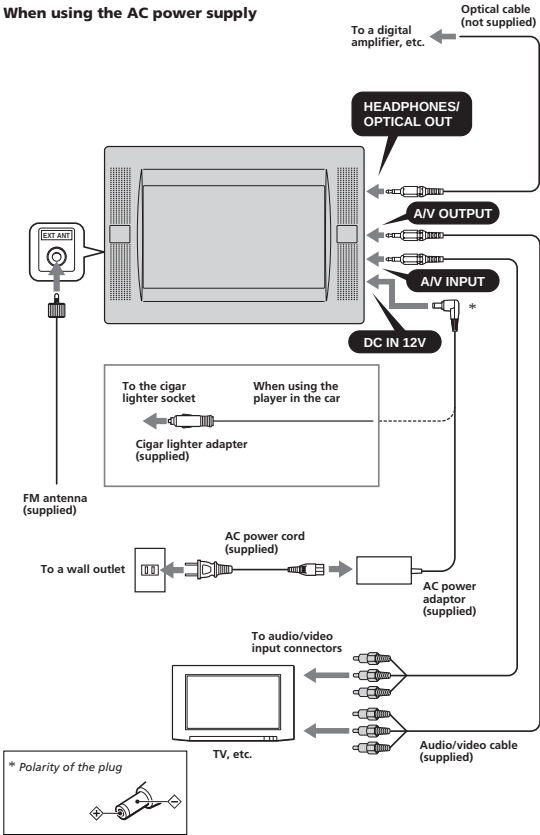
- 1 SOURCE button**
To select the input source.
- 2 ◀◀/▶▶ (previous/next) buttons**
- 3 ◀◀ (fast reverse)/▶▶ (fast forward) buttons**
- 4 AUDIO button**
To change the audio output / audio language.
- 5 SUBTITLE button**
To change the subtitle language while playing a DVD.
- 6 SETUP button**
Used to perform menu operations.
- 7 TOP MENU button**
To display the top menu of a recorded DVD.
- 8 CLOCK button**
To display the calendar or clock.
- 9 SEARCH button**
To specify a desired point on a disc by chapter, title or track.
- 10 PROGRAM button**
To enter the program Playback Mode.
- 11 Number buttons**
- 12 CLEAR button**
- 13 ■ (stop) button**
- 14 I/⏻ (power on/off) button**
- 15 ►|| (play/pause) button**
- 16 ◀◀ (slow reverse)/▶▶ (slow forward) buttons**
- 17 REP button**
To select the repeat mode (DVD / Video CD / Audio CD), or playback mode (MP3 / JPEG / DivX).
- 18 ANGLE button**
To select the multiple angles of view while playing a DVD.
- 19 MENU button**
To display the recorded DVD menu.
- 20 ↑/↓/←/→ buttons**
- 21 ↻ (return) button**
- 22 ENTER button**
To enter a setting.
- 23 VOL (+/-) buttons**
- 24 DSPL button**
To display the time information of the disc.

US, Canadian, E (PAL), Taiwan, Korean, Australian, Chinese models

Connection

This player is supplied in two kinds of connection method. When using at home, connect it to the AC outlet. When using in a car, connect the player using the supplied cigar lighter adapter.

When using the AC power supply



On A/V OUTPUT connectors

You can connect a TV to the A/V OUTPUT connectors to output the contents being played back on the player. Connect the yellow plugs of the audio/video cable to the video connectors on both the TV and the player, and connect the white plugs to the white (left audio) connectors and the red plugs to the red (right audio) connectors respectively.

On A/V INPUT connectors

You can connect a VTR, etc. to the A/V INPUT connectors to input the contents being played back on the device. You can connect the device in the same way as described on "On A/V OUTPUT connectors" above.

On HEADPHONES jack

You can connect a set of headphones to the HEADPHONES jack.

Notes

- When connecting another device to the player, be sure to connect the player to the power source after all other connections are completed.
- If an obstacle such as cigar ash is caught inside the cigar lighter socket, the contact between the power cord plug and the socket becomes incomplete and the plug may get extremely hot during use. To avoid this, check the socket and clean it if necessary before connecting the power cord.

Attaching the headrest installation kit to the seat

The player can be installed behind the headrest by using the supplied headrest installation kit.

Seat types on which you can mount the installation kit

- A seat with 2 headrest rods of diameter 10 mm to 15 mm.
- A seat with rods spaced between 42 mm and 192 mm.

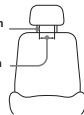
Note

Depending on the seat type, it may not be possible to mount this unit.



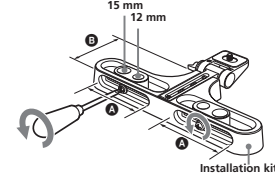
Ø10 mm-15 mm

42 mm-192 mm



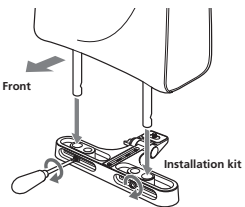
Before attaching, adjust the rod spacing A and depth positioning B depending on your headrest.

Note that the depth positioning B should be adjusted as closely as possible to the headrest in order to prevent the monitor from vibrating.

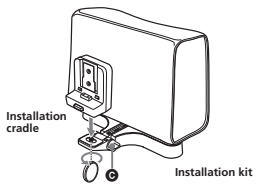


1 Remove the headrest and attach the installation kit to the rods.

You can adjust the lateral position of the monitor by sliding the installation kit from side to side before tightening the screw.



2 Attach the installation cradle to the installation kit and tighten the screw on the bottom using things like a coin.



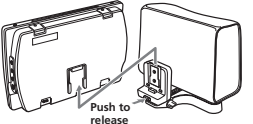
Adjust the angle of your monitor with the knob C.

Note

The backside of the installation cradle should be pressed against the headrest for the stable installation.

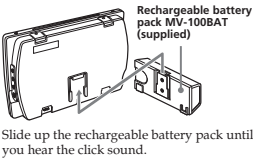
Removing the player from the installation cradle

Remove the player while pressing the button on the installation cradle.

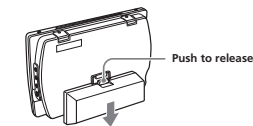


Using the rechargeable battery pack

Attach the rechargeable battery pack as illustrated below.



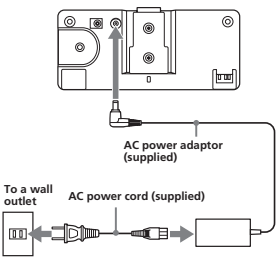
Removing the rechargeable battery pack from the player



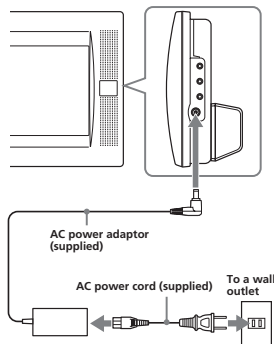
Push the release button on the rechargeable battery pack and slide it off.

Charging the rechargeable battery pack

Charge the rechargeable battery pack using AC power adaptor and AC power cord. You can charge the rechargeable battery pack while it is attached to the unit.



When attached to the main unit



When to charge the rechargeable battery

- Charge the rechargeable battery when "LOW BATTERY" appears in the display.
- It usually takes about 6 hours* to complete charging the battery. The lamp of the rechargeable battery indicates the charging conditions.

While charging: Lights in orange
Charging completed: Lights in green
Charging error: Flashes in green

* The charging time may vary depending on the surrounding temperature.

Battery duration

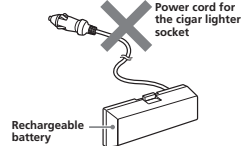
Approximately 150 minutes** (fully charged)

** When used at room temperature. When the monitor settings (S-MENU) are set to default.

CAUTION

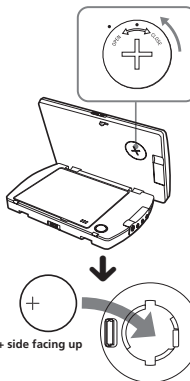
- Remove the rechargeable battery from the main unit if you do not intend to use the player for an extended period of time.
- Charge the rechargeable battery before use if it has not been used for an extended period of time.
- Once charging is completed, remove the AC power adaptor from the rechargeable battery. Do not recharge the fully charged battery. (If you charge the fully charged battery, it will take about 60 minutes for the lamp of the battery to light in green again.)

Do not charge the rechargeable battery using the supplied Power cord for the cigar lighter socket. The rechargeable battery cannot be charged in a car. Charge the rechargeable battery at home using the supplied AC power adaptor and AC power cord.



Inserting the back-up battery

Insert CR2032 battery into the battery compartment of the player. This battery saves the memory data (clock setting and calendar setting).

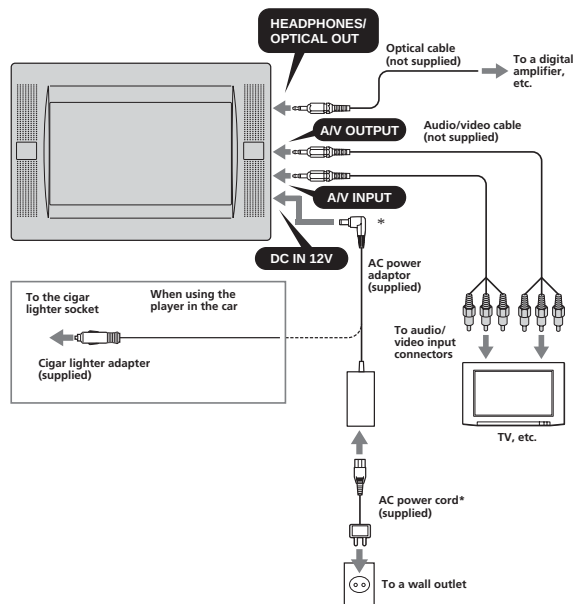


AEP, UK, Russian, E (NTSC) models

Connection

This player is supplied in two kinds of connection method. When using at home, connect it to the AC outlet. When using in a car, connect the player using the supplied cigar lighter adapter.

When using the AC power supply



* There are two types of AC power cords supplied. Use the appropriate one that fits the outlet in your region.

On A/V OUTPUT connectors

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On HEADPHONES jack

You can connect a set of headphones to the HEADPHONES jack.

Notes

- When connecting another device to the player, be sure to connect the player to the power source after all other connections are completed.
- If an obstacle such as cigar ash is caught inside the cigar lighter socket, the contact between the power cord plug and the socket becomes incomplete and the plug may get extremely hot during use. To avoid this, check the socket and clean it if necessary before connecting the power cord.

* Polarity of the plug



Attaching the headrest installation kit to the seat

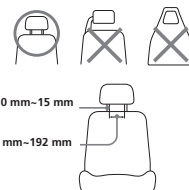
The player can be installed behind the headrest by using the supplied headrest installation kit.

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- A seat with rods spaced between 42 mm and 192 mm.

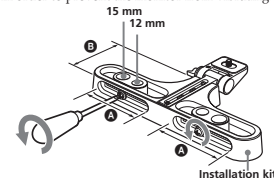
Note

Depending on the seat type, it may not be possible to mount this unit.



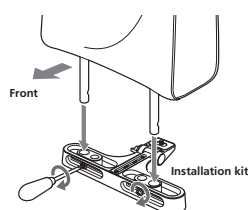
Before attaching, adjust the rod spacing (A) and depth positioning (B) depending on your headrest.

Note that the depth positioning (B) should be adjusted as closely as possible to the headrest in order to prevent the monitor from vibrating.

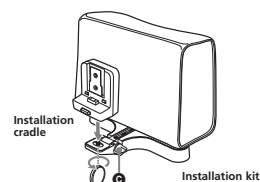


1 Remove the headrest and attach the installation kit to the rods.

You can adjust the lateral position of the monitor by sliding the installation kit from side to side before tightening the screw.



2 Attach the installation cradle to the installation kit and tighten the screw on the bottom using things like a coin.

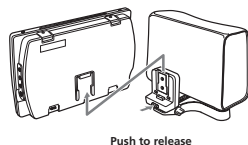


Adjust the angle of your monitor with the knob (C).

Note
The backside of the installation cradle should be pressed against the headrest for the stable installation.

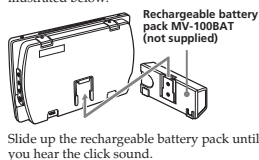
Removing the player from the installation cradle

Remove the player while pressing the button on the installation cradle.

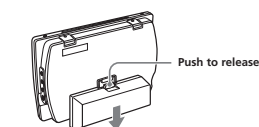


Using the rechargeable battery pack

Attach the rechargeable battery pack as illustrated below.

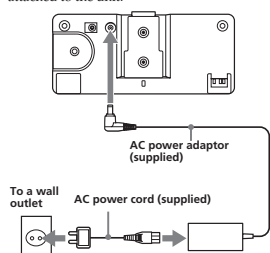


Removing the rechargeable battery pack from the player

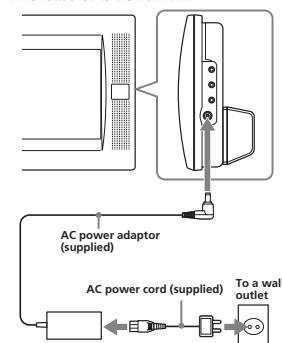


Charging the rechargeable battery pack

Charge the rechargeable battery pack using AC power adaptor and AC power cord. You can charge the rechargeable battery pack while it is attached to the unit.



When attached to the main unit



When to charge the rechargeable battery

- Charge the rechargeable battery when "LOW BATTERY" appears in the display.
- It usually takes about 6 hours* to complete charging the battery. The lamp of the rechargeable battery indicates the charging conditions.

While charging: Lights in orange
Charging completed: Lights in green
Charging error: Flashes in green

* The charging time may vary depending on the surrounding temperature.

Battery duration

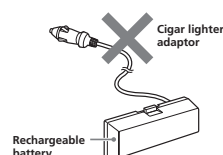
Approximately 150 minutes** (fully charged)

** When used at room temperature.
When the monitor settings (S-MENU) are set to default.

CAUTION

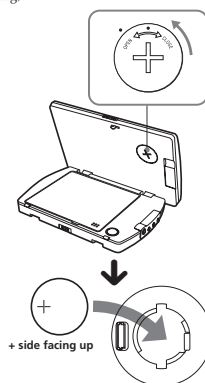
- Remove the rechargeable battery from the main unit if you do not intend to use the player for an extended period of time.
- Charge the rechargeable battery before use if it has not been used for an extended period of time.
- Once charging is completed, remove the AC power adaptor from the rechargeable battery. Do not recharge the fully charged battery. (Once charging is completed, it will take about 60 minutes for the lamp of the battery to light in green again.)

- Do not charge the rechargeable battery using the supplied cigar lighter socket. To charge the rechargeable battery in a car, use the connection box and battery rechargeable cable supplied with optional Car Installation Kit MV-100CAR.



Inserting the back-up battery

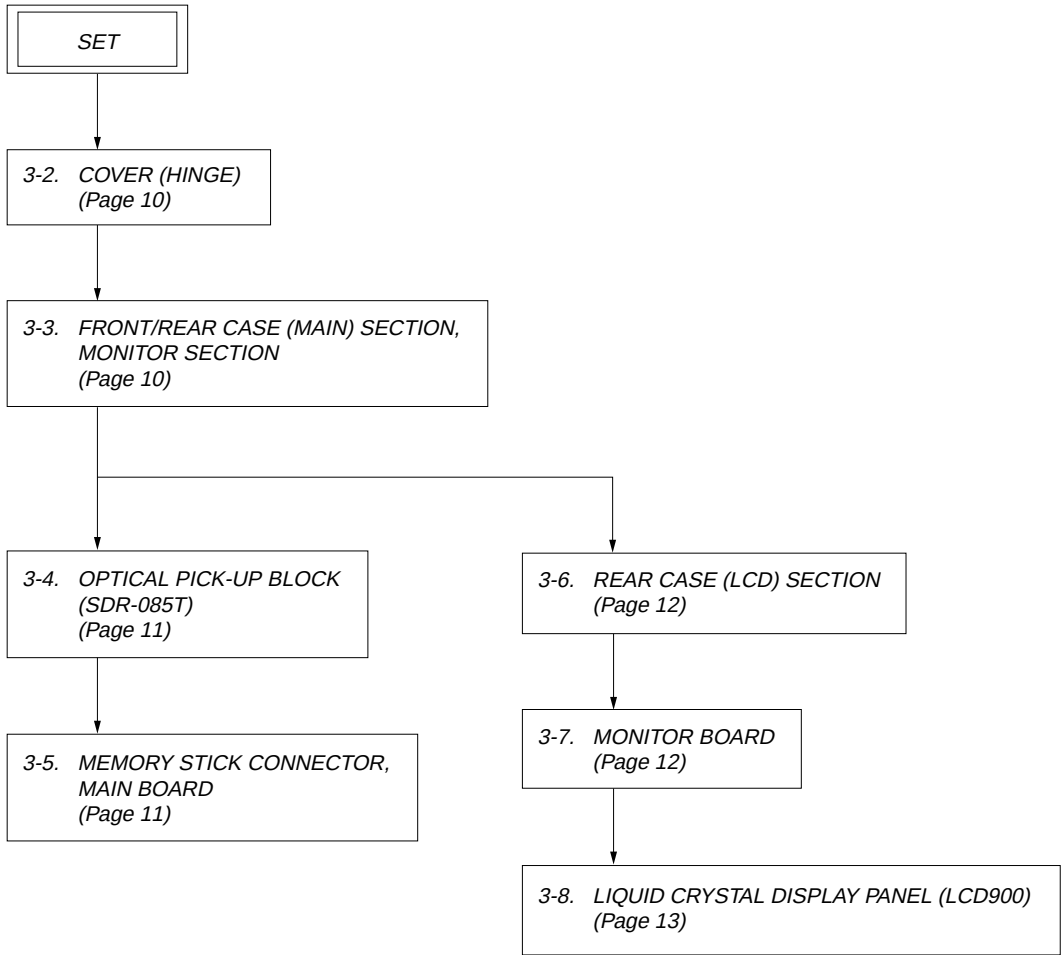
Insert CR2032 battery into the battery compartment of the player. This battery save the memory data (clock setting and calendar setting).



SECTION 3
DISASSEMBLY

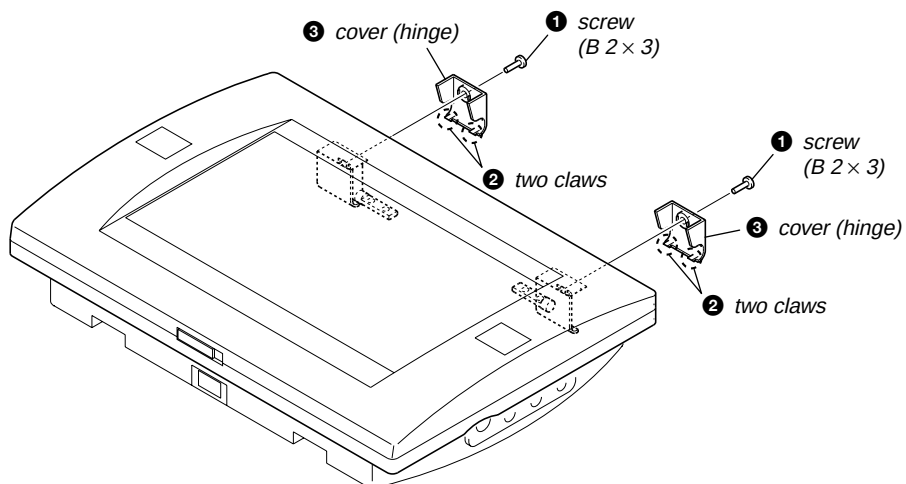
- This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

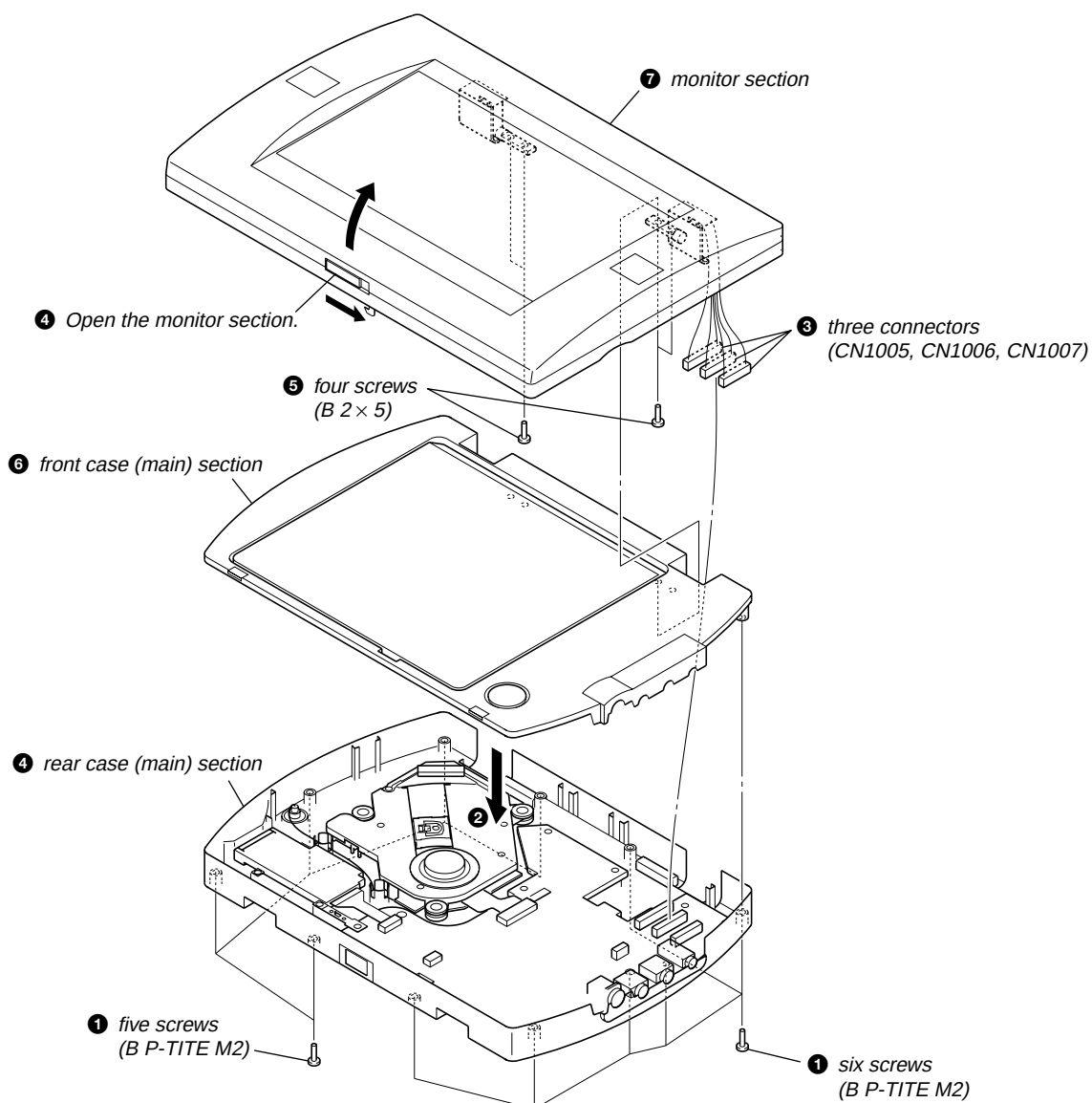


Note: Follow the disassembly procedure in the numerical order given.

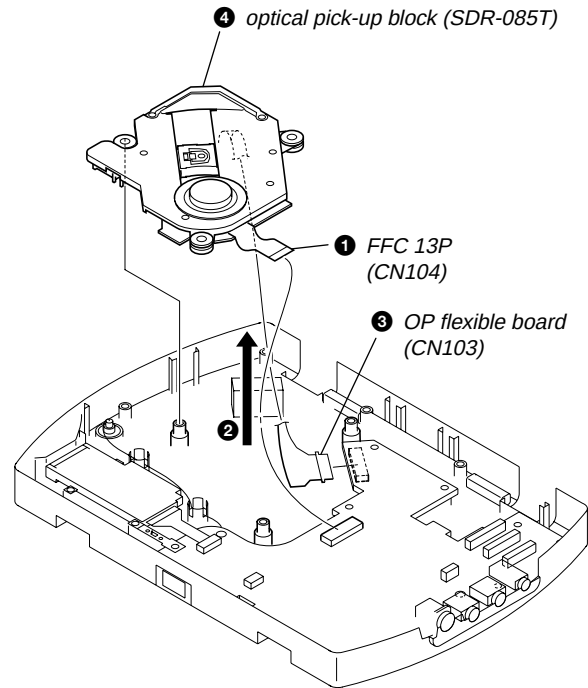
3-2. COVER (HINGE)



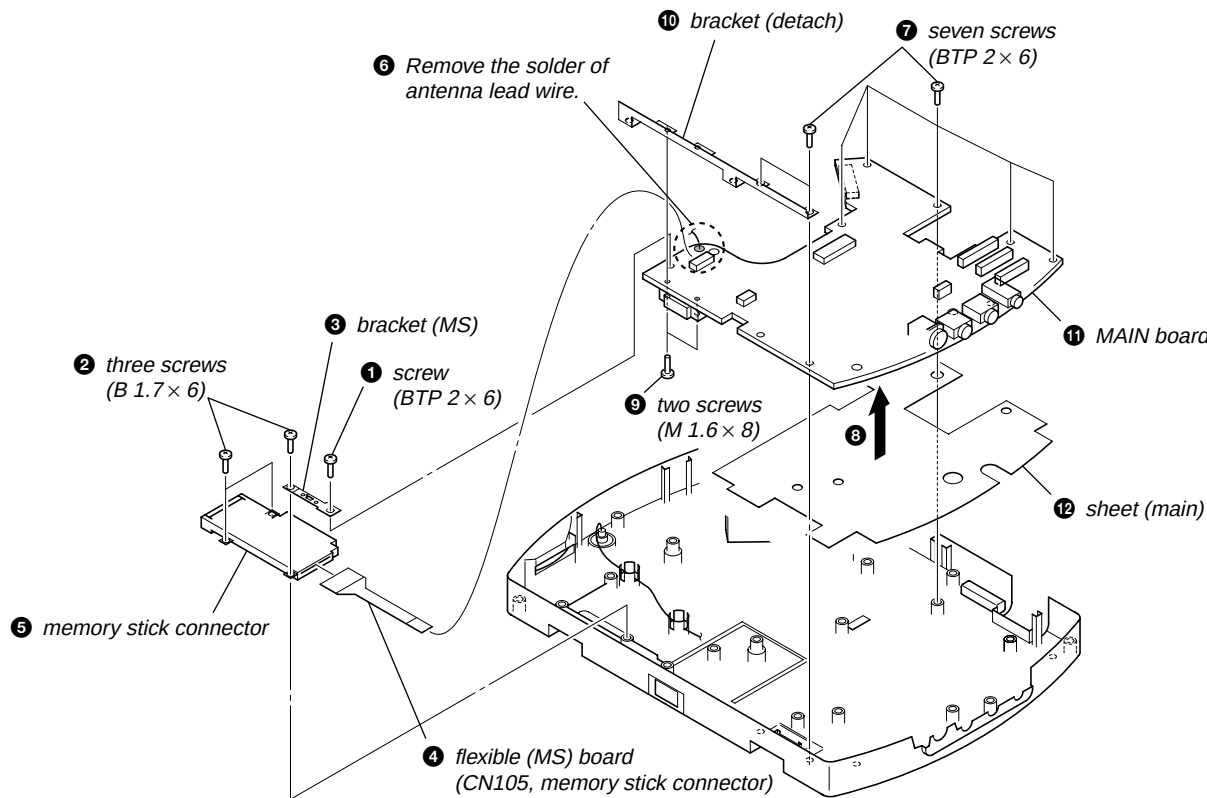
3-3. FRONT/REAR CASE (MAIN) SECTION, MONITOR SECTION



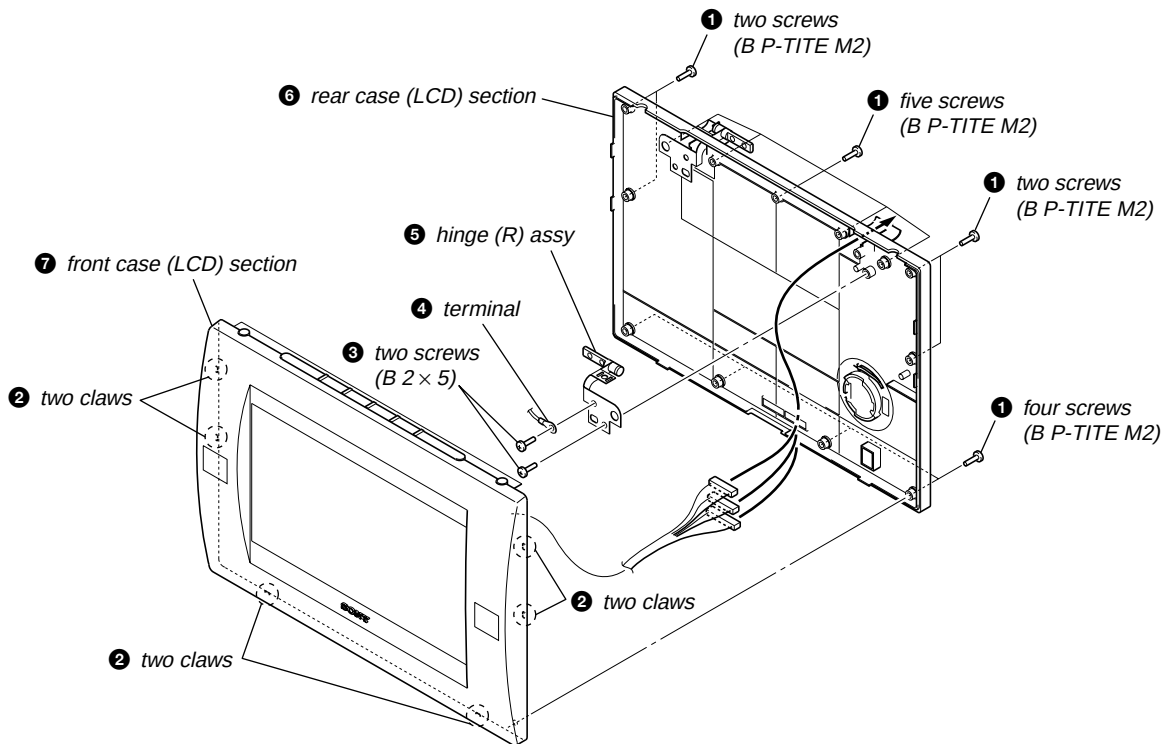
3-4. OPTICAL PICK-UP BLOCK (SDR-085T)



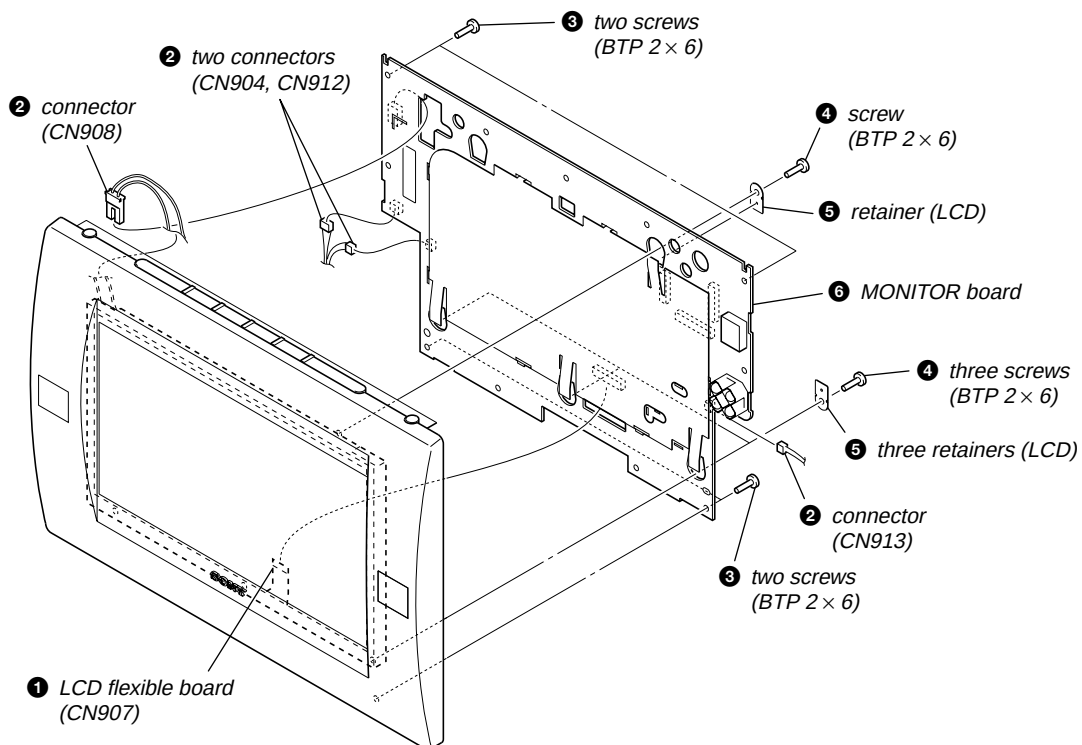
3-5. MEMORY STICK CONNECTOR, MAIN BOARD



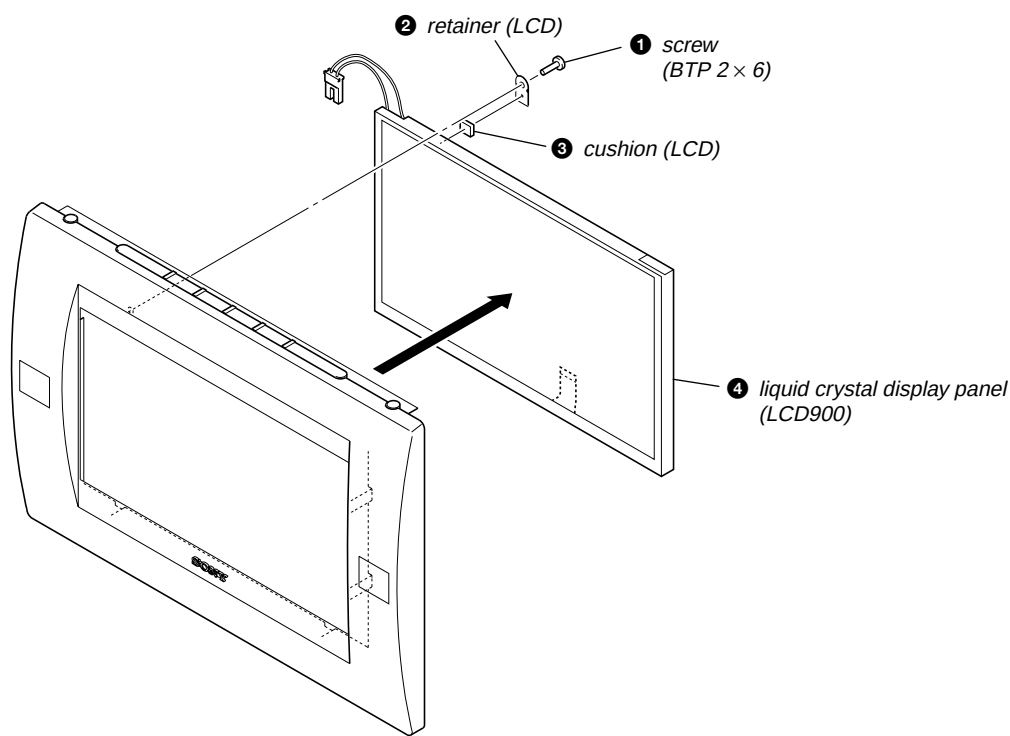
3-6. REAR CASE (LCD) SECTION



3-7. MONITOR BOARD



3-8. LIQUID CRYSTAL DISPLAY PANEL (LCD900)



SECTION 4

TEST MODE

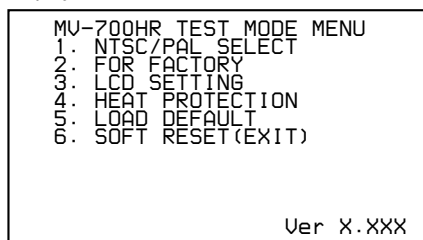
Note: This set is able to setting the adjustment data, reset to factory default and initialize the EEPROM (IC403 on the MONITOR board) in the test mode.

ENTER THE TEST MODE

Procedure:

1. Press the **[POWER]** button to turn the power on.
2. While pressing the **[S-MENU]** and **[▶||]** buttons, press the **[RESET]** button.
3. The set is enter the test mode and display as bellow figure.

Display



Note: If initial data is not written to the EEPROM (IC403 on the MONITOR board) or data is clobbered, the set is not able to display normally screen.

BATCH WRITING OF THE INITIAL DATA TO EEPROM

In the test mode, by pressing the **[VOL -]** button on the remote commander at two seconds, batch writing is possible of the initial data to EEPROM (IC403 on the MONITOR board).

OPERATION OF THE TEST MODE

All operations are performed using the bellow buttons.

Button	Function
S-MENU	Select the item
SOURCE	Enter
VOLUME +	Up the data value
VOLUME -	Down the data value

RELEASING THE TEST MODE

In the test mode menu screen, press the **[S-MENU]** button to select "6. SOFT RESET (EXIT)", and press the **[SOURCE]** button to release the test mode.

OPERATING THE EACH ITEM

1. NTSC/PAL SELECT

In this mode, switch the signal format system to NTSC or PAL.

2. FOR FACTORY

In this mode, change the data of adjustment data.

Enter this mode, it displays each adjustment item as follow.

- 1) Com Gain
- 2) Y Gain
- 3) Black Limit
- 4) White Limit
- 5) R-Sub BRT
- 6) B-Sub BRT
- 7) R-Sub CONT
- 8) B-Sub CONT
- 9) Gamma 1
- 10) Gamma 2
- 11) VCO Free Run
- 12) PLL/V Pos
- 13) H Pos

3. LCD SETTING

This mode is not used in servicing.

4. HEAT PROTECTION

This mode is not used in servicing.

5. LOAD DEFAULT

This mode is not used in servicing.

6. SOFT RESET (EXIT)

Releasing the test mode.

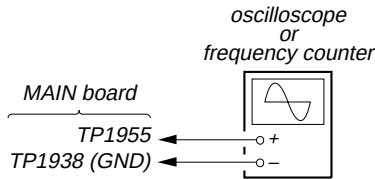
SECTION 5
ELECTRICAL ADJUSTMENTS

MAIN SECTION

1. DC/DC CONVERTER ADJUSTMENT

1-1. Frequency Adjustment

Setting:

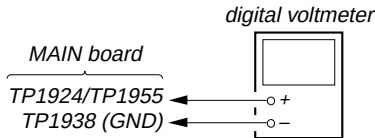


Procedure:

1. Connect an oscilloscope or frequency counter to the TP1955 and TP1938 (GND) on the MAIN board.
2. Press the **POWER** button to turn the power on.
3. Adjust the RV1001 on the MAIN board so that the value of oscilloscope or frequency counter becomes 243.5 kHz ± 0.5 kHz.

1-2. Other Voltages Check

Setting:

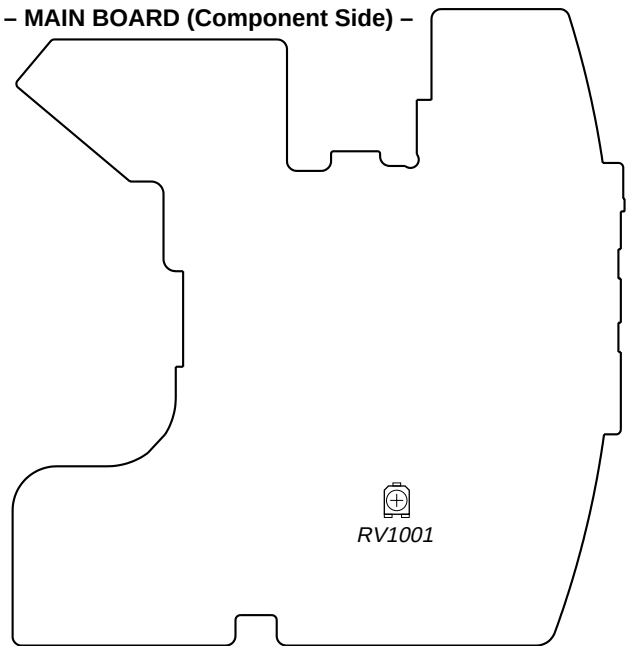


Procedure:

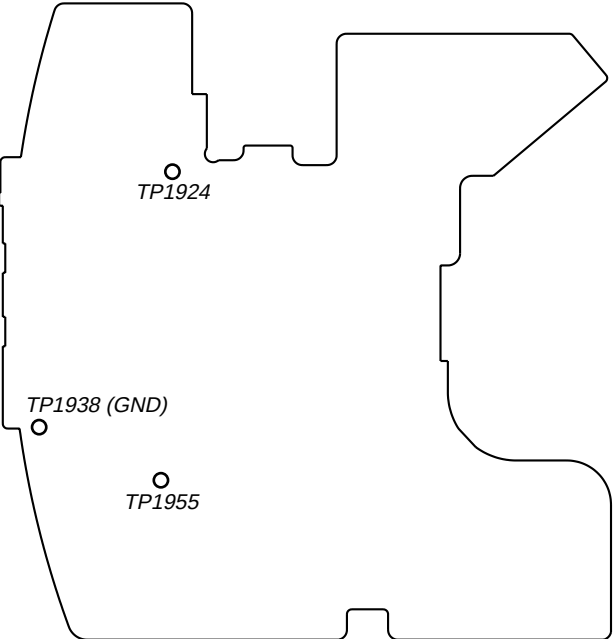
- VCC1 Voltage Check –
- 1. Connect a digital voltmeter to the TP1924 and TP1938 (GND) on the MAIN board.
- 2. Press the **POWER** button to turn the power on.
- 3. Check that the value of digital voltmeter is 6.05 V ± 0.2 V.
- VCC2 Voltage Check –
- 4. Connect the digital voltmeter to the TP1955 and TP1938 (GND) on the MAIN board.
- 5. Check that the value of digital voltmeter is 5.2 V ± 0.2 V.

Adjustment Location:

– MAIN BOARD (Component Side) –



– MAIN BOARD (Component Side) –

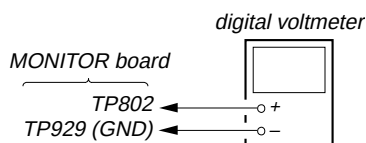


MONITOR SECTION

1. PLL ADJUSTMENT

1-1. PLL Voltage Adjustment

Setting:

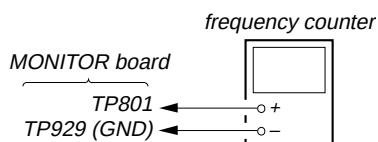


Procedure:

1. Connect a digital voltmeter to the TP802 and TP929 (GND) on the MONITOR board.
2. Press the **[POWER]** button to turn the power on.
3. Adjust the RV801 on the MONITOR board so that the value of digital voltmeter becomes $2.2 \text{ V} \pm 0.15 \text{ V}$.

1-2. PLL Frequency Check

Setting:

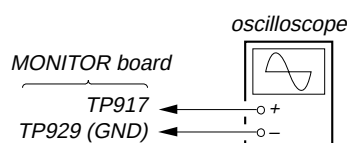


Procedure:

1. Connect a frequency counter to the TP801 and TP929 (GND) on the MONITOR board.
2. Press the **[POWER]** button to turn the power on.
3. Check that the value of frequency counter is $28.699 \text{ MHz} \pm 1 \text{ kHz}$.

2. V-COM ADJUSTMENT

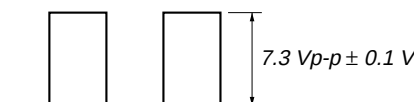
Setting:



Procedure:

– Voltage Set-up Adjustment –

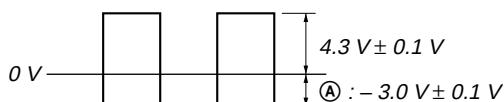
1. Connect an oscilloscope to the TP917 and TP929 (GND) on the MONITOR board.
2. Press the **[POWER]** button to turn the power on.
3. Enter the test mode, and enter the “2. FOR FACTORY” mode. (refer to “SECTION 4. TEST MODE”)
4. Press the **[S-MENU]** button to display “Com Gain”.
5. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the voltage of oscilloscope becomes $7.3 \text{ Vp-p} \pm 0.1 \text{ V}$.



6. Press the **[SOURCE]** button and write the data to EEPROM (IC403 on the MONITOR board).

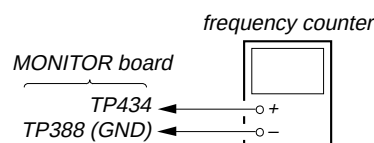
– Waveform Position Set-up Adjustment –

7. Adjust the RV851 on the MONITOR board so that ① value of waveform becomes $-3.0 \text{ V} \pm 0.1 \text{ V}$.



3. INVERTER FREQUENCY CHECK

Setting:

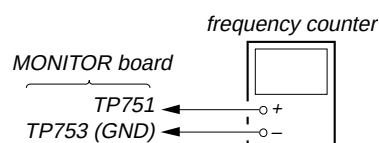


Procedure:

1. Connect a frequency counter to the TP434 and TP388 (GND) on the MONITOR board.
2. Check that the value of frequency counter is $51 \text{ kHz} \pm 2.5 \text{ kHz}$.

4. OSD DOT CLOCK CHECK

Setting:

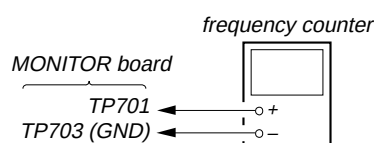


Procedure:

1. Connect a frequency counter (high impedance) to the TP751 and TP753 (GND) on the MONITOR board.
2. Press the **[POWER]** button to turn the power on.
3. Check that the value of frequency counter is $6.5 \text{ MHz} \pm 0.2 \text{ MHz}$.

5. NTSC SUB CARRIER CHECK

Setting:

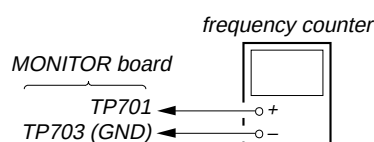


Procedure:

1. Connect a frequency counter to the TP701 and TP703 (GND) on the MONITOR board.
2. Press the **[POWER]** button to turn the power on.
3. In the normal mode, press the **[SOURCE]** button to select the “VIDEO” mode.
4. Input NTSC video signal to the A/V INPUT jack (J1004 on the MAIN board).
5. Check that the value of frequency counter is $3.579545 \text{ MHz} \pm 100 \text{ Hz}$.

6. PAL SUB CARRIER CHECK

Setting:

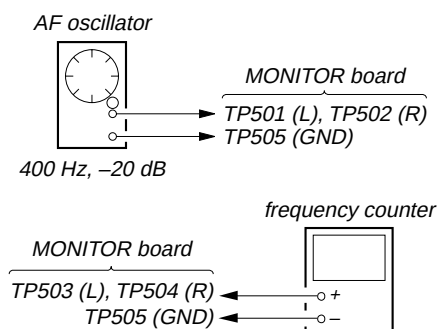


Procedure:

1. Connect a frequency counter to the TP701 and TP703 (GND) on the MONITOR board.
2. Press the **[POWER]** button to turn the power on.
3. In the normal mode, press the **[SOURCE]** button to select the “VIDEO” mode.
4. Input PAL video signal to the A/V INPUT jack (J1004 on the MAIN board).
5. Check that the value of frequency counter is $4.433619 \text{ MHz} \pm 100 \text{ Hz}$.

7. IR TRANSMITTER CHECK

Setting:



Procedure:

1. Connect an AF oscillator to the TP501 (L) and TP505 (GND), and input the audio signal (400 Hz, -20 dB).
2. Connect a frequency counter to the TP503 (L) and TP505 (GND) on the MONITOR board.
3. Press the **[POWER]** button to turn the power on.
4. Press the **[S-MENU]** button nine times to display "IR HEADPHONE", and press the **[VOLUME +]** button to select "ON".
5. Check that the value of frequency counter is 2.3 MHz $\pm$ 45 kHz.
6. In the same manner, check that the frequency of R-CH is 2.8 MHz $\pm$ 45 kHz.

8. VIDEO ADJUSTMENT

Note: Perform the following adjustment items in test mode.

Common Setting:

1. Press the **[POWER]** button to turn the power on.
2. Set the signal format system to NTSC. (refer to "SECTION 4. TEST MODE")
3. While pressing the **[S-MENU]** and **[▶▶]** buttons, press the **[RESET]** button to enter the test mode, and enter the "2. FOR FACTORY" mode. (refer to "SECTION 4. TEST MODE")
4. Input 10 steps signal (NTSC, without burst) to the A/V INPUT jack (J1004 on the MAIN board) from pattern generator.

Waveform of input signal

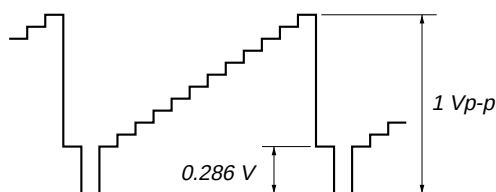


fig. 8-1

Waveform of output signal
(TP906, TP907, TP908)

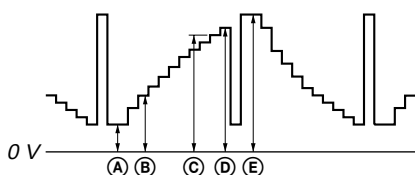
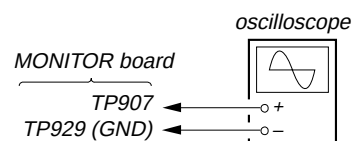


fig. 8-2

① Contrast Level of Luminance Signal

Setting:



Procedure:

1. Connect an oscilloscope to the TP907 and TP929 (GND) on the MONITOR board.
2. Press the **[SOURCE]** button to display "Y Gain".
3. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the **Ⓓ** value of waveform (fig. 8-2) becomes 3.8 V $\pm$ 0.1 V.

② Black Limiter Level

Procedure:

1. In the "① Contrast Level of Luminance Signal" status, press the **[SOURCE]** button to display "Black Limit".
2. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the **Ⓐ** value of waveform (fig. 8-2) becomes 1.05 V $\pm$ 0.15 V.

③ White Limiter Level

Procedure:

1. In the "② Black Limiter Level" status, press the **[SOURCE]** button to display "White Limit".
2. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the **Ⓔ** value of waveform (fig. 8-2) becomes 3.95 V $\pm$ 0.15 V.

④ R-sub Bright

Procedure:

1. In the "③ White Limiter Level" status, connect the oscilloscope to the TP906 and TP929 (GND) on the MONITOR board.
2. Press the **[SOURCE]** button to display "R-Sub BRT".
3. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the **Ⓐ** value of waveform (fig. 8-2) becomes 1.05 V $\pm$ 0.15 V.

⑤ B-sub Bright

Procedure:

1. In the "④ R-sub Bright" status, connect the oscilloscope to the TP908 and TP929 (GND) on the MONITOR board.
2. Press the **[SOURCE]** button to display "B-Sub BRT".
3. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the **Ⓐ** value of waveform (fig. 8-2) becomes 1.0 V $\pm$ 0.2 V $\pm$ 0.1 V.

⑥ R-ch Sub Contrast

Procedure:

1. In the "⑤ B-sub Bright" status, connect the oscilloscope to the TP906 and TP929 (GND) on the MONITOR board.
2. Press the **[SOURCE]** button to display "R-Sub CONT".
3. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the **Ⓓ** value of waveform (fig. 8-2) becomes 3.8 V $\pm$ 0.1 V.

⑦ B-ch Sub Contrast

Procedure:

1. In the "⑥ R-ch Sub Contrast" status, connect the oscilloscope to the TP908 and TP929 (GND) on the MONITOR board.
2. Press the **[SOURCE]** button to display "B-Sub CONT".
3. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the **Ⓓ** value of waveform (fig. 8-2) becomes 3.8 V $\pm$ 0.1 V.

⑧ Gamma 1

Procedure:

1. In the “⑦ B-ch Sub Contrast” status, connect the oscilloscope to the TP907 and TP929 (GND) on the MONITOR board.
2. Press the **[SOURCE]** button to display “Gamma 1”.
3. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the ③ value of waveform (fig. 8-2) becomes $2.1\text{ V} \pm 0.15\text{ V}$.

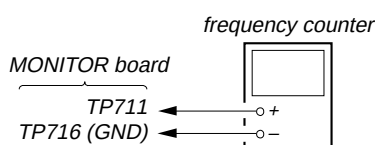
⑨ Gamma 2

Procedure:

1. In the “⑧ Gamma 1” status, press the **[SOURCE]** button to display “Gamma 2”.
2. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the ③ value of waveform (fig. 8-2) becomes $3.6\text{ V} \pm 0.15\text{ V}$.

⑩ VCO Free Run

Setting:

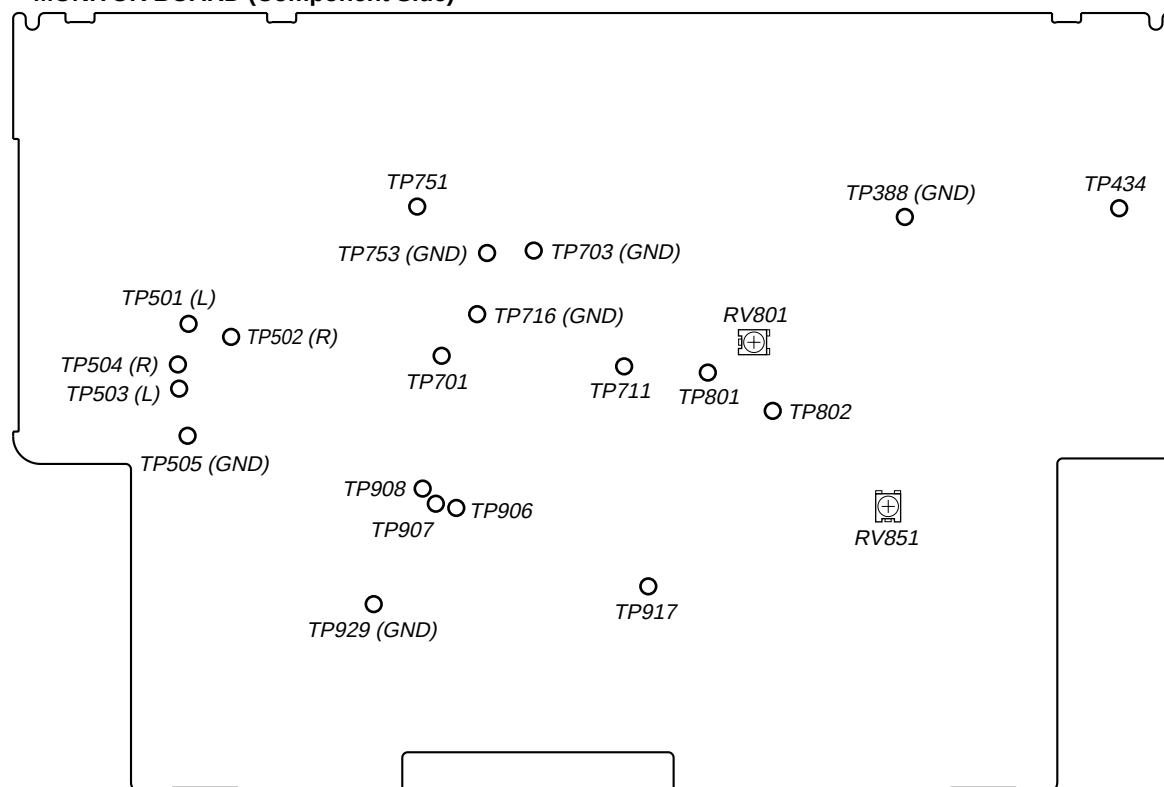


Procedure:

1. In the “⑨ Gamma 2” status, connect a frequency counter to the TP711 and TP716 (GND) on the MONITOR board.
2. Press the **[SOURCE]** button to display “VCO Free Run”.
3. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the value of frequency counter becomes $15.734\text{ kHz} \pm 50\text{ Hz}$.
4. Confirm that the displayed screen is normally display.

Adjustment Location:

– MONITOR BOARD (Component Side) –



⑪ Vertical Position

Procedure:

1. In the “⑩ VCO Free Run” status, input the monoscope signal to the A/V INPUT jack (J1004 on the MAIN board).
2. Press the **[SOURCE]** button to display “PLL/V Pos”.
3. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the vertical position of screen on the monitor becomes the most suitable.

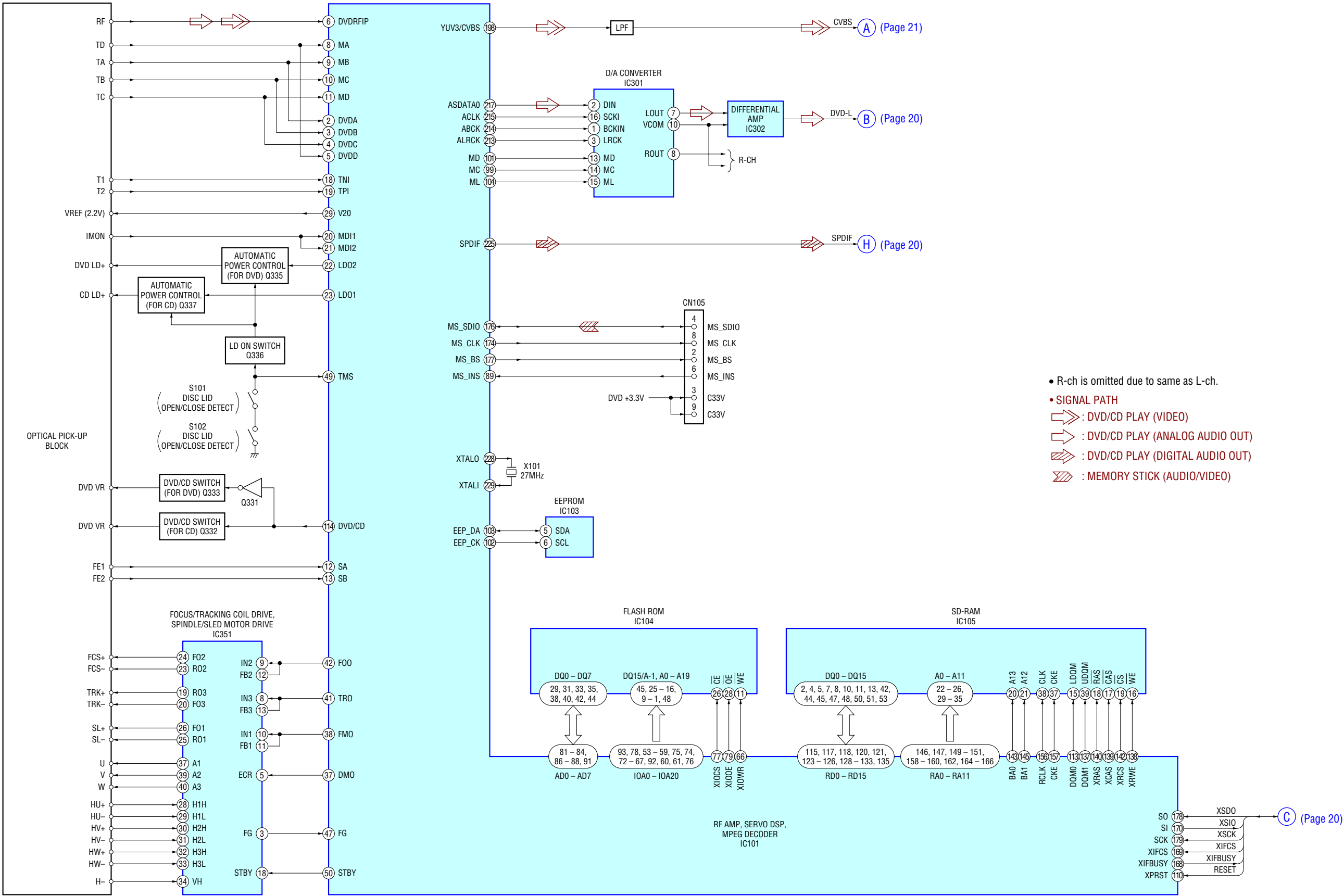
⑫ Horizontal Position

Procedure:

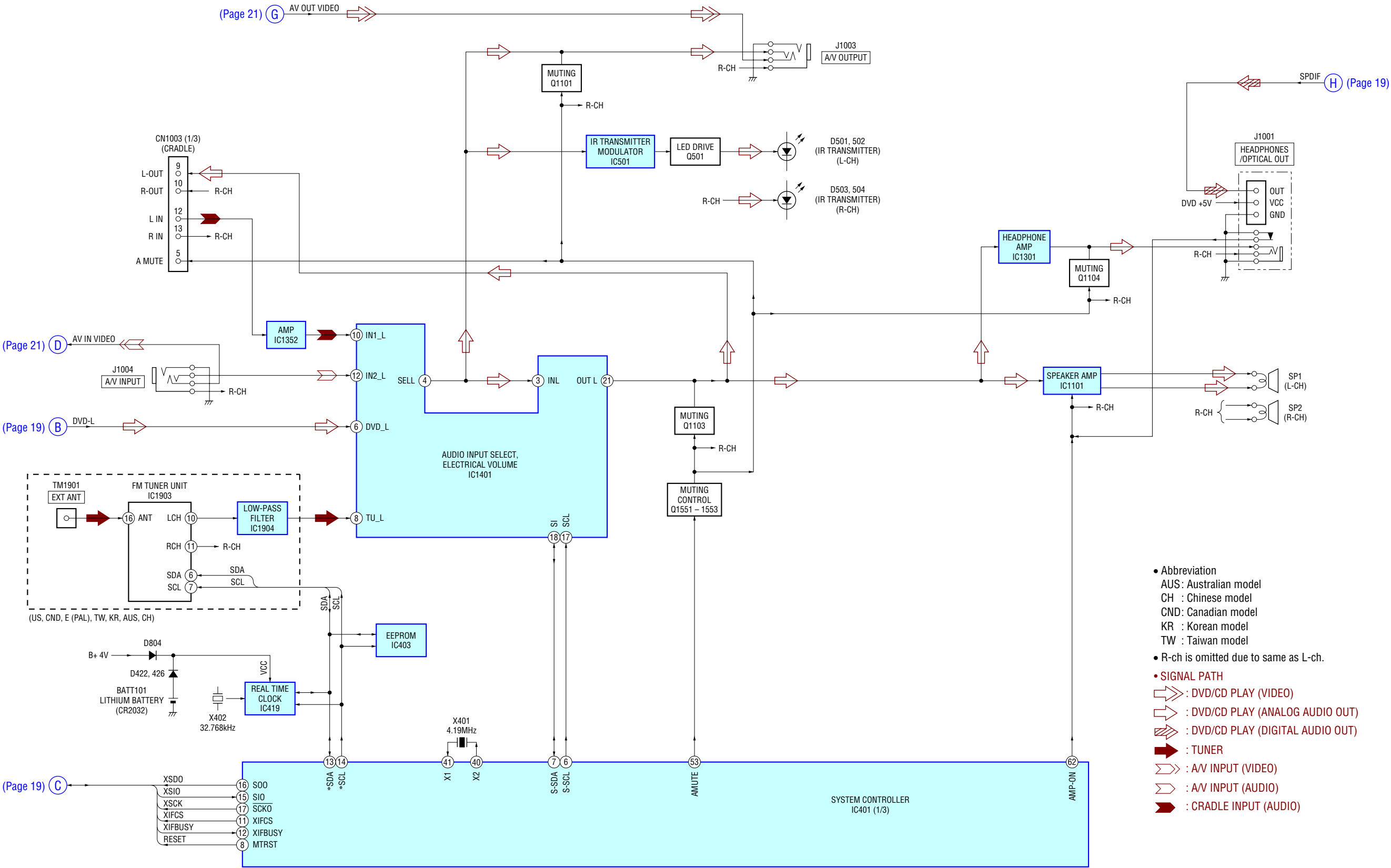
1. In the “⑪ Vertical Position” status, press the **[SOURCE]** button to display “H Pos”.
2. Adjust by pressing the **[VOLUME +]**/**[VOLUME -]** buttons so that the horizontal position of screen on the monitor becomes the most suitable.
3. Press the **[S-MENU]** button to select the “EXIT”, and press the **[SOURCE]** button to return to the “TEST MODE MENU” screen.

SECTION 6
DIAGRAMS

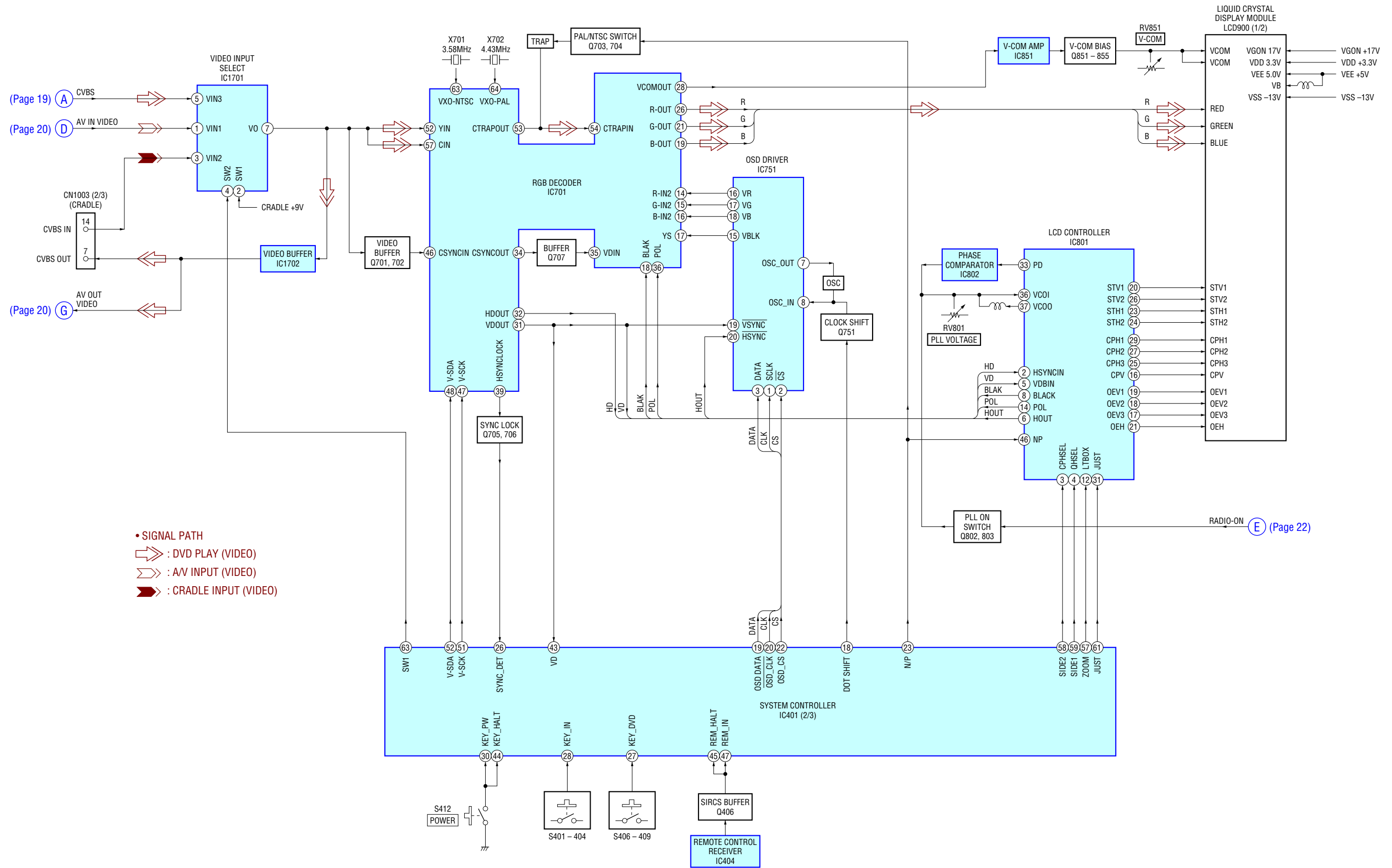
6-1. BLOCK DIAGRAM – DVD Section –



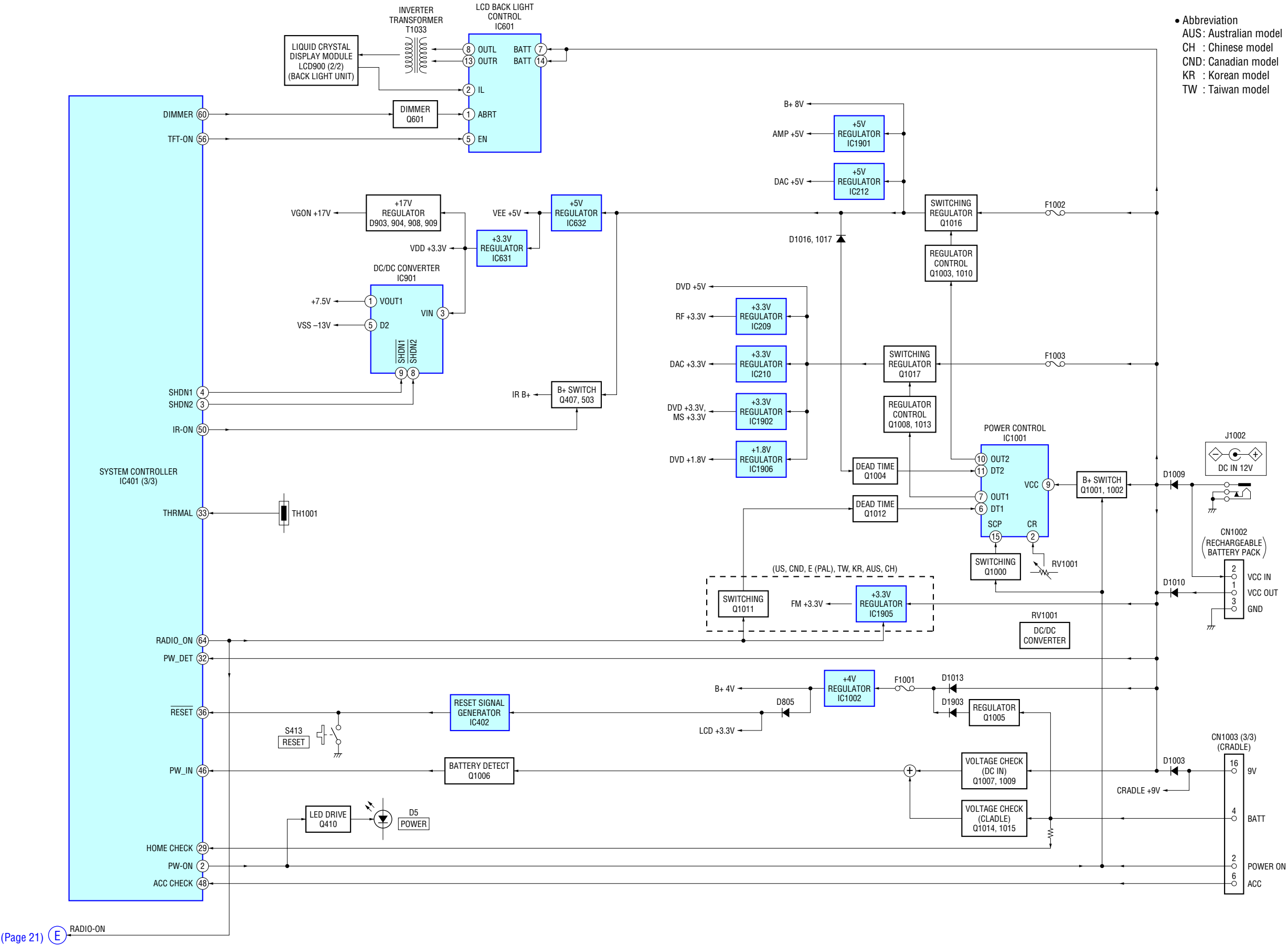
6-2. BLOCK DIAGRAM – AUDIO Section –



6-3. BLOCK DIAGRAM – VIDEO Section –



6-4. BLOCK DIAGRAM – POWER SUPPLY Section –



• Note for Printed Wiring Boards and Schematic Diagrams

Note on Printed Wiring Boards:

- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : parts mounted on the conductor side.
- : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:	
Pattern face side:	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side:	Parts on the parts face side seen from the parts face are indicated.

- MAIN board is multi-layer printed board. However, the patterns of intermediate-layer have not been included in these diagrams.

Note on Schematic Diagram:

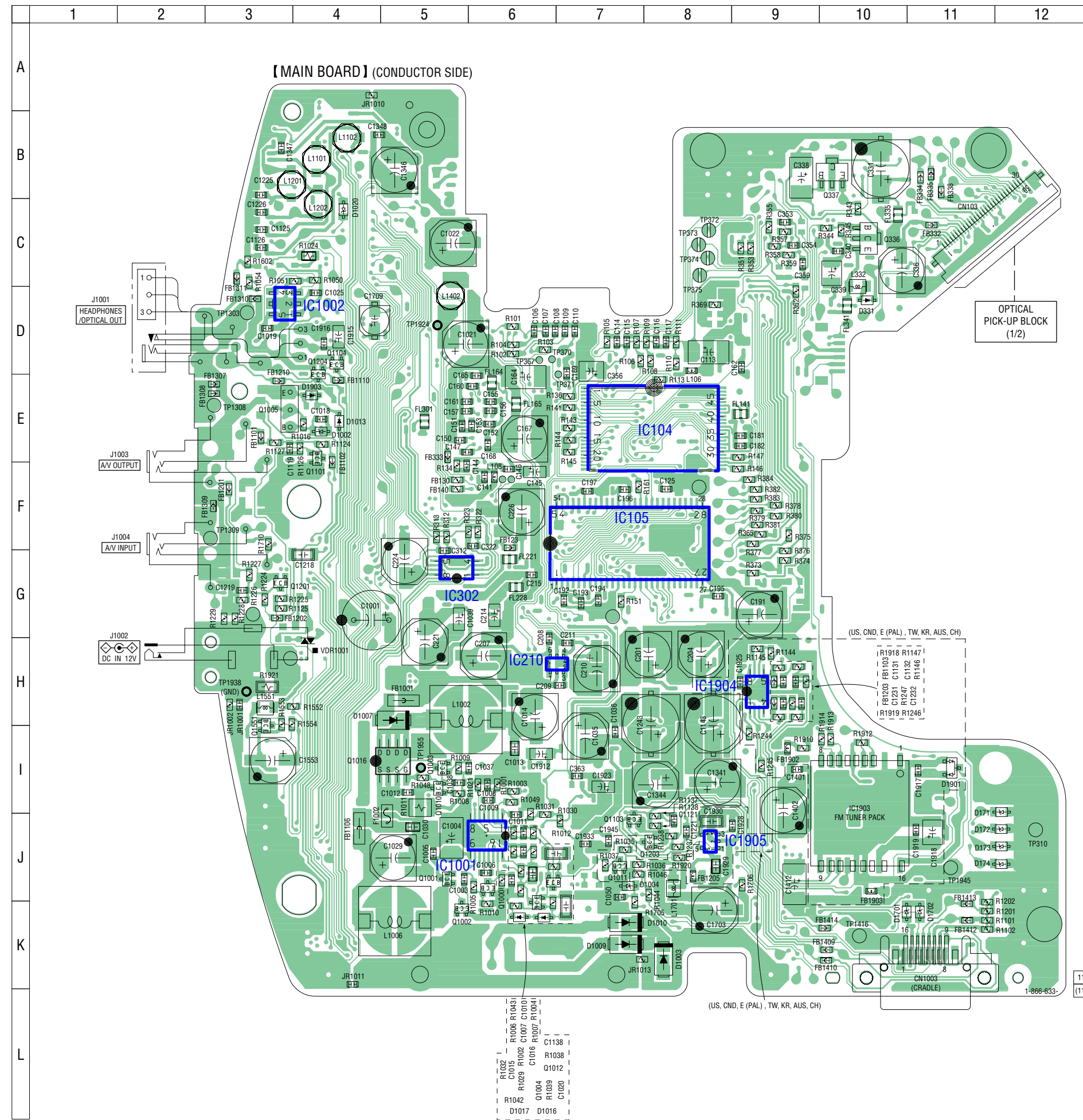
- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
- : panel designation.

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Note: Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
--	--

原理图和零件清单中标有△记号的零部件、或带有△记号的虚线所圈示的零部件，对于维系安全至关重要。因此只能以指定号码的零部件来更换。

- : B+ Line.
- - - : B- Line.
- : adjustment for repair.
- Power voltage is dc 12V and fed with regulated dc power supply from external power voltage jack (J1002 on the MAIN board).
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark : DVD PLAY
() : TUNER
* : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
⇒ : DVD/CD PLAY (VIDEO)
⇒ : DVD/CD PLAY (ANALOG AUDIO OUT)
⇒ : DVD/CD PLAY (DIGITAL AUDIO OUT)
⇒ : A/V INPUT (VIDEO)
⇒ : A/V INPUT (AUDIO)
⇒ : CRADLE INPUT (VIDEO)
⇒ : CRADLE INPUT (AUDIO)
⇒ : MEMORY STICK (AUDIO/VIDEO)
⇒ : TUNER
- Abbreviation
AUS : Australian model
CH : Chinese model
CND : Canadian model
KR : Koeran model
RU : Russian model
TW : Taiwan model

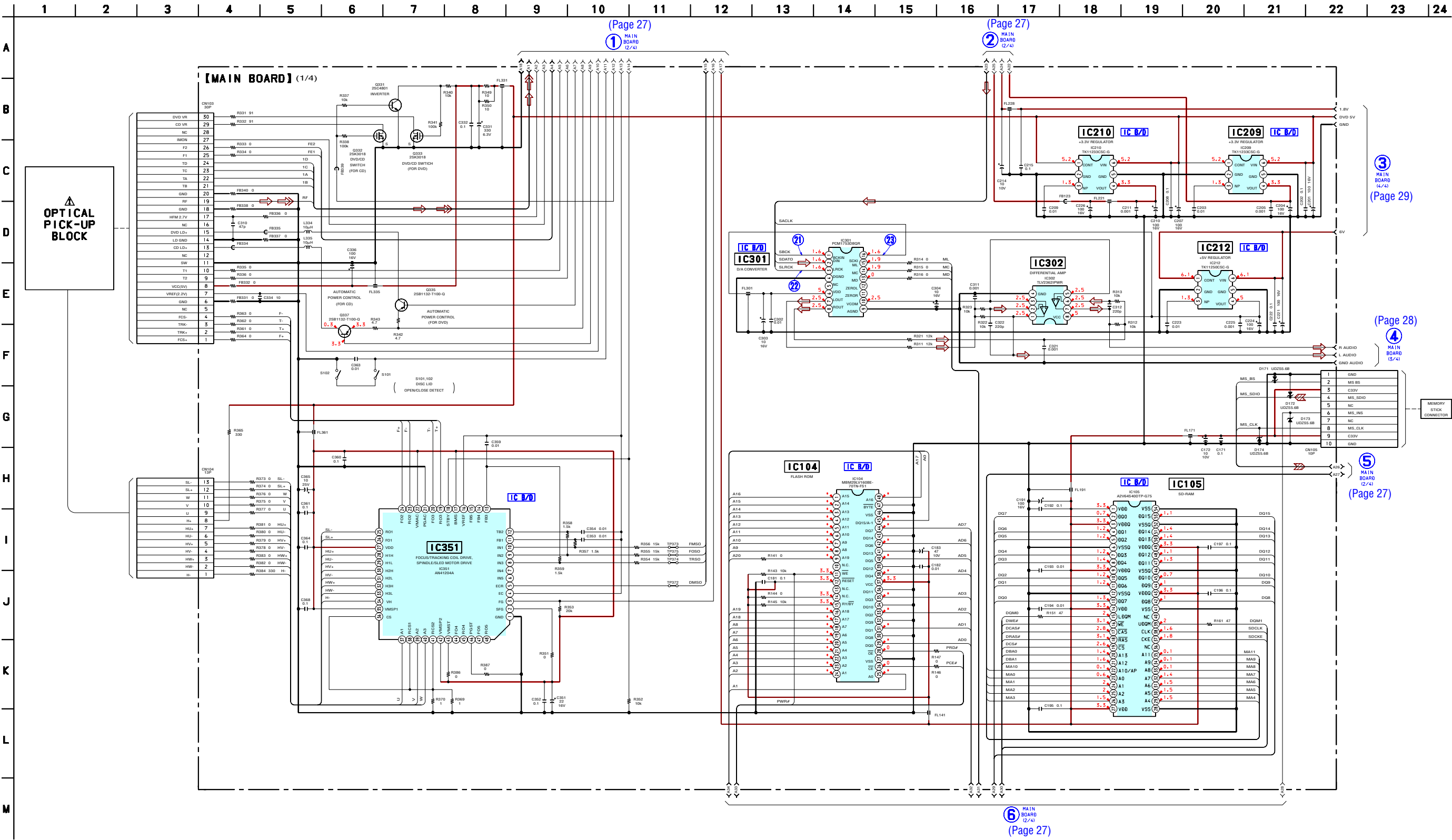
6-6. PRINTED WIRING BOARD – MAIN Section (2/2) – : Uses unleaded solder.



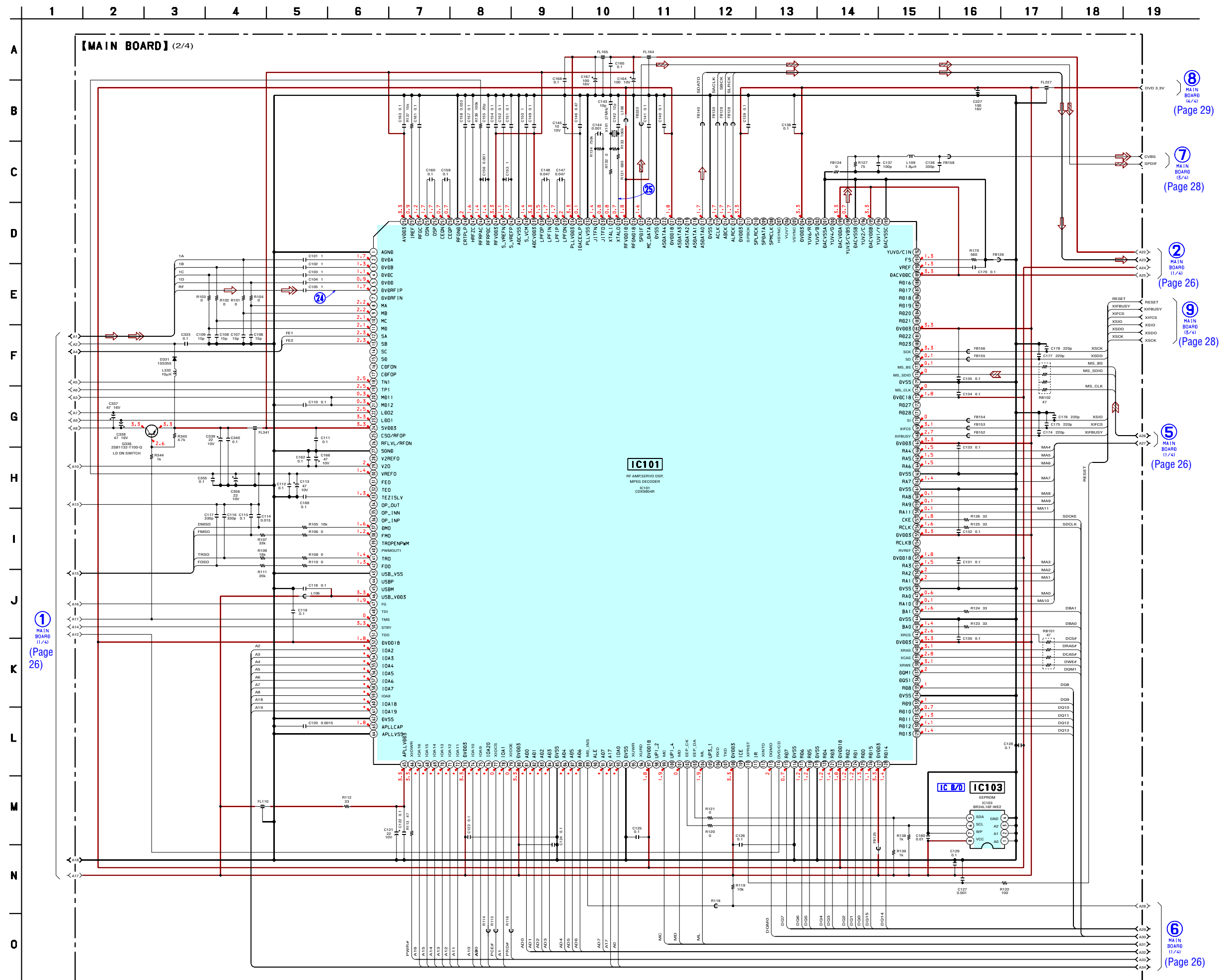
- **Semiconductor Location**

Ref. No.	Location
D171	I-12
D172	J-12
D173	J-12
D174	J-12
D331	D-10
D1002	E-4
D1003	K-8
D1004	J-7
D1007	H-5
D1009	K-7
D1010	K-7
D1013	E-4
D1016	K-6
D1017	K-6
D1020	C-4
D1701	K-10
D1702	K-11
D1901	I-11
D1903	E-4
IC104	E-8
IC105	F-7
IC210	H-7
IC302	G-5
IC1001	J-6
IC1002	D-3
IC1903	I-10
IC1904	H-9
IC1905	J-8
Q336	C-10
Q337	B-10
Q1000	J-6
Q1001	J-5
Q1002	K-5
Q1003	I-5
Q1004	K-6
Q1005	E-3
Q1010	I-5
Q1011	J-7
Q1012	J-6
Q1016	I-5
Q1101	E-4
Q1103	J-7
Q1104	D-4
Q1201	G-3
Q1203	J-8
Q1204	D-4
Q1551	I-3

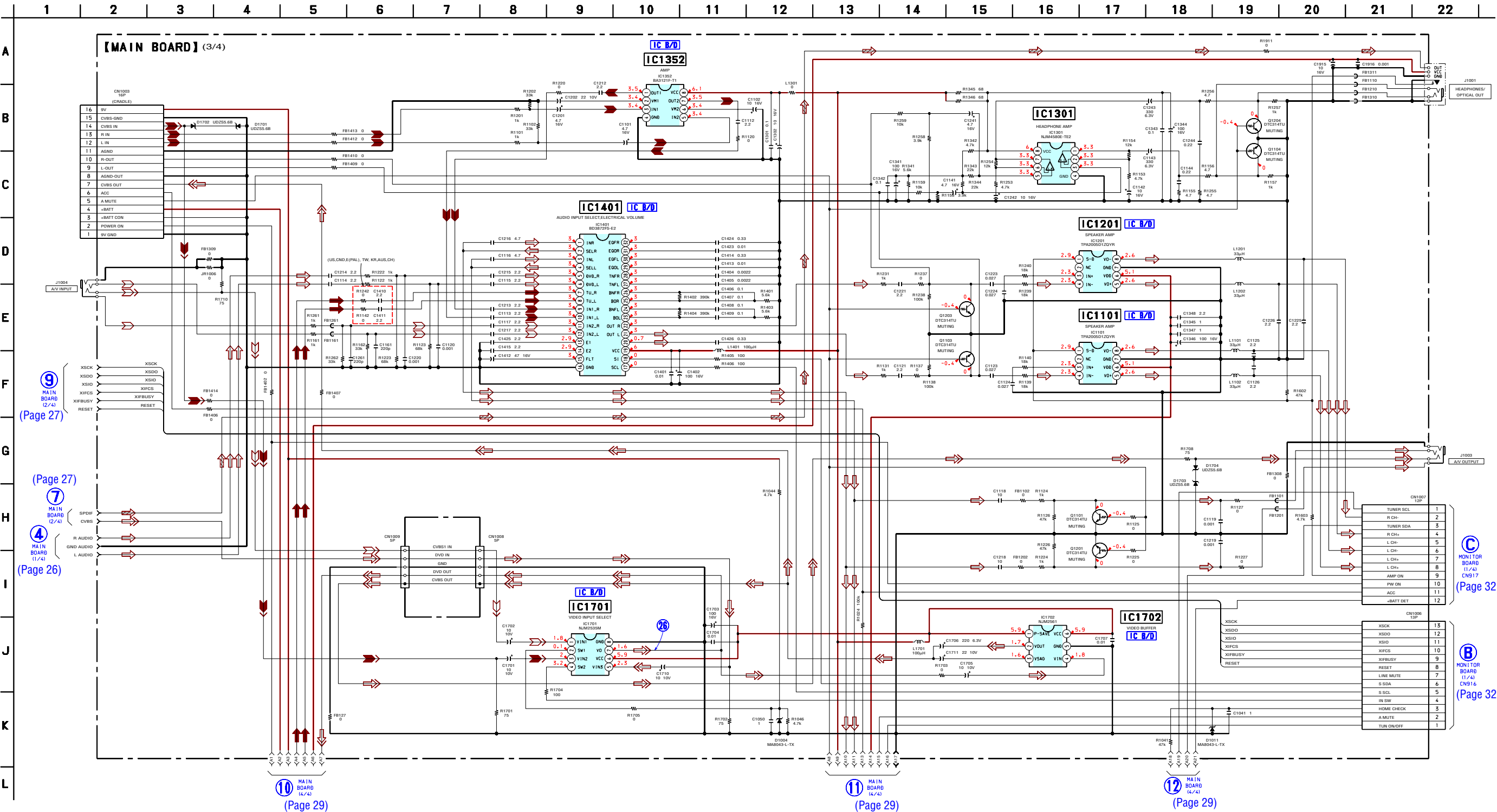
6-7. SCHEMATIC DIAGRAM – MAIN Section (1/4) – • See page 36 for Waveforms. • See page 37 for IC Block Diagrams.



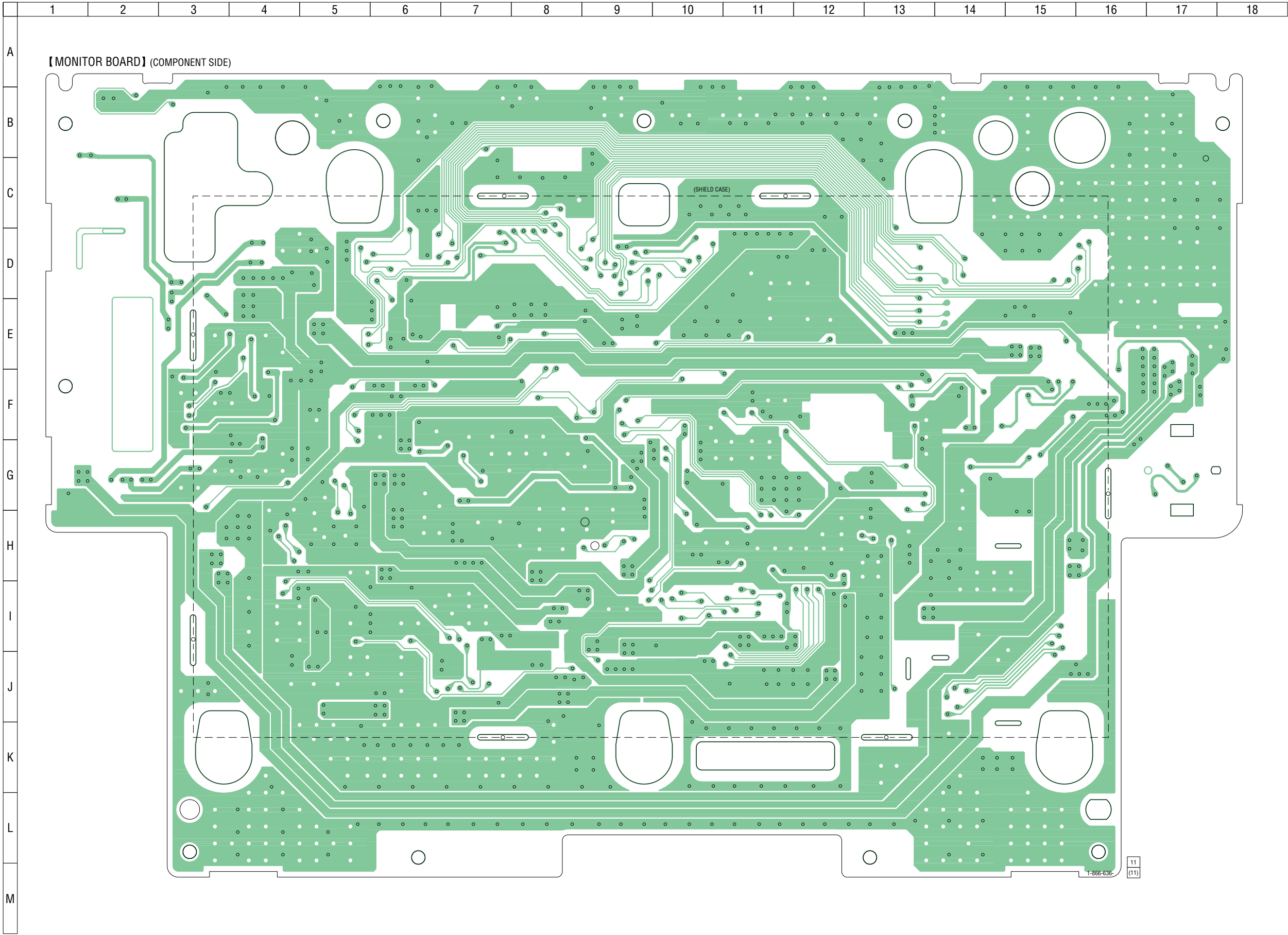
6-8. SCHEMATIC DIAGRAM – MAIN Section (2/4) – • See page 36 for Waveforms. • See page 45 for IC Pin Function Description.



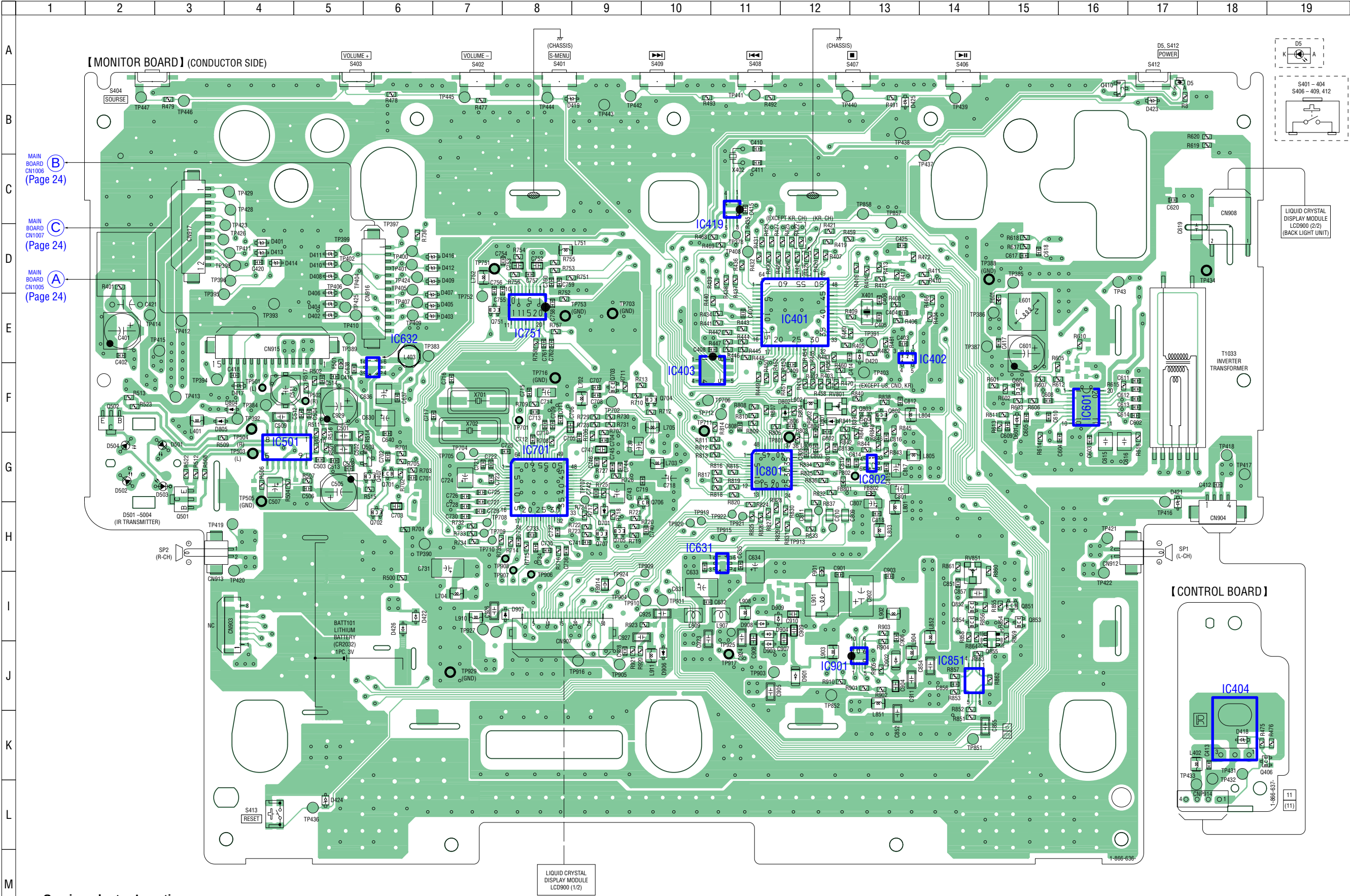
6-9. SCHEMATIC DIAGRAM – MAIN Section (3/4) – • See page 36 for Waveforms. • See page 37 for IC Block Diagrams.



6-11. PRINTED WIRING BOARD – MONITOR Section (1/2) – : Uses unleaded solder.

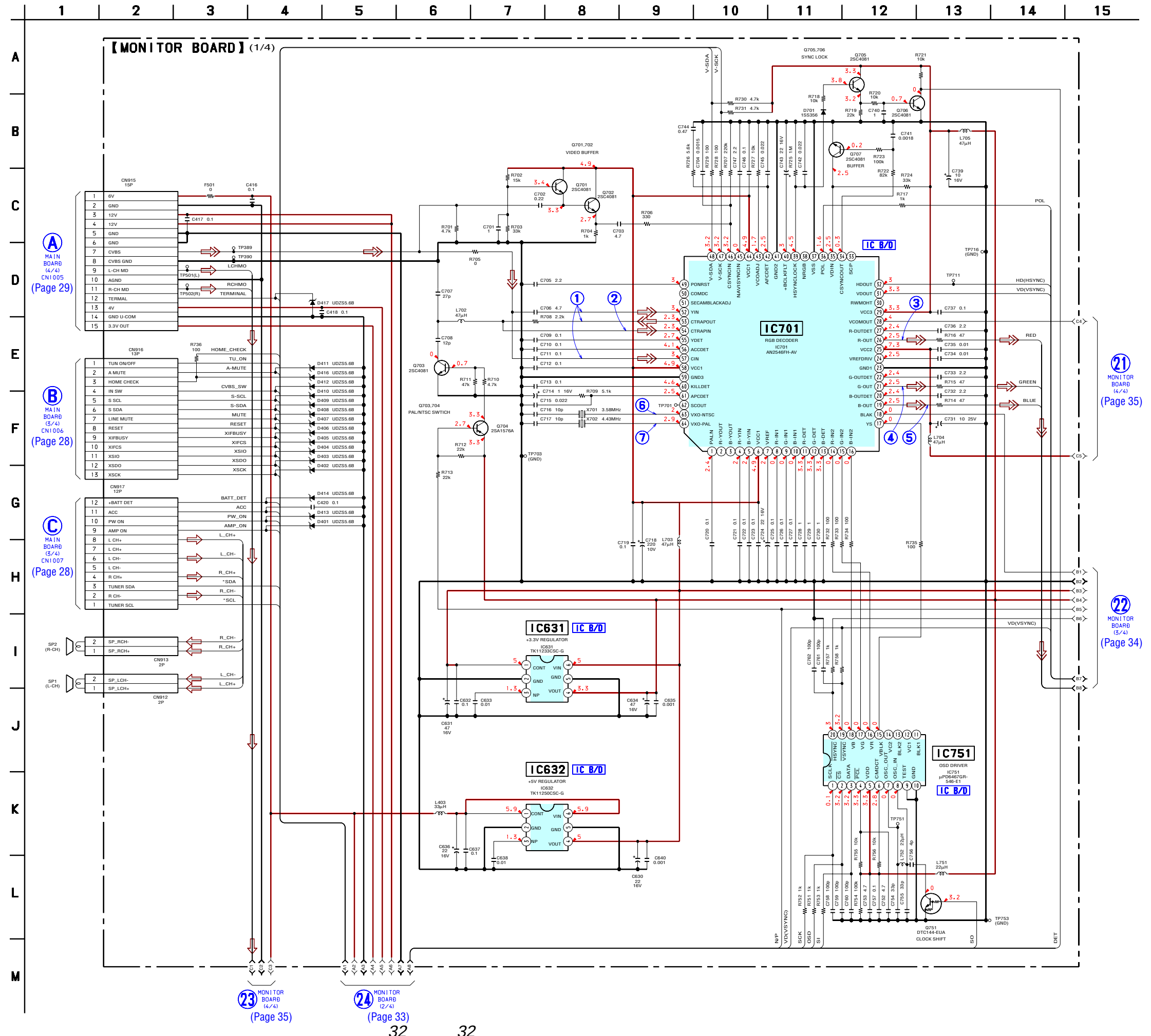


6-12. PRINTED WIRING BOARDS – MONITOR Section (2/2) – : Uses unleaded solder.

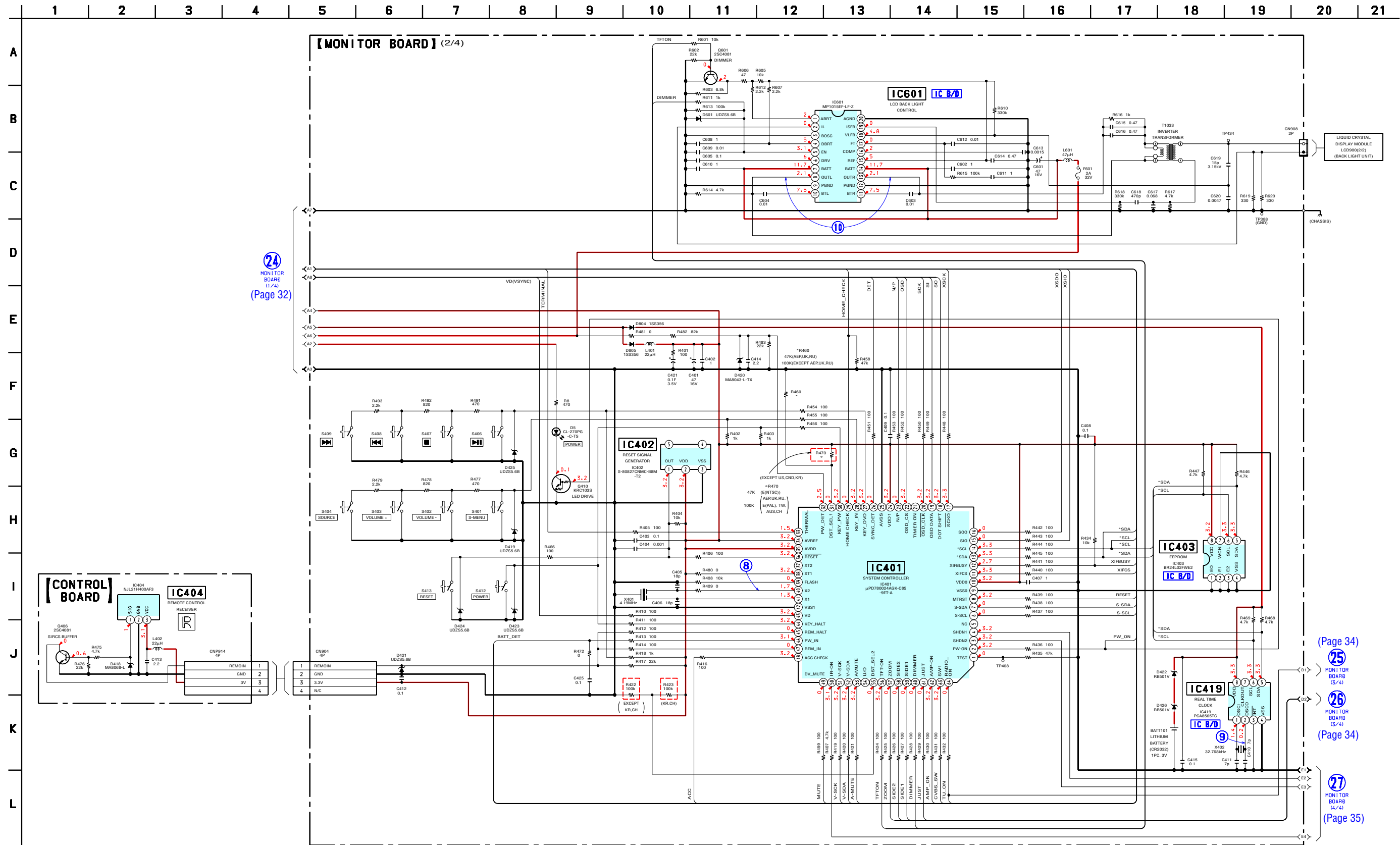


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D5	A-17	D407	E-7	D414	D-4	D422	I-6	D503	G-3	D805	F-3	D908	I-11	IC419	C-11	IC801	G-11	Q410	B-16	Q703	F-9	Q803	F-13
D401	D-4	D408	D-5	D416	D-7	D423	B-17	D504	G-2	D901	J-12	D909	I-11	IC501	G-4	IC802	G-13	Q501	G-3	Q704	F-10	Q851	I-15
D402	E-5	D409	D-7	D417	F-4	D424	L-5	D601	F-15	D902	J-13			IC601	F-16	IC851	J-14	Q502	F-2	Q705	H-9	Q852	I-14
D403	E-7	D410	D-5	D418	K-18	D425	B-13	D701	H-9	D903	J-11	IC401	E-12	IC631	H-11	IC901	J-13	Q503	G-6	Q706	H-10	Q853	I-15
D404	E-5	D411	D-5	D419	B-9	D426	I-6	D801	F-12	D904	I-11	IC402	E-13	IC632	F-6			Q601	F-15	Q707	H-9	Q854	I-14
D405	E-7	D412	D-7	D420	E-13	D501	G-3	D802	F-12	D906	J-10	IC403	F-11	IC701	G-8	Q406	K-18	Q701	G-6	Q751	E-7	Q855	I-15
D406	D-5	D413	D-4	D421	H-17	D502	G-2	D804	F-4	D907	I-8	IC404	K-18	IC751	E-8	Q407	G-6	Q702	H-6	Q802	F-13		

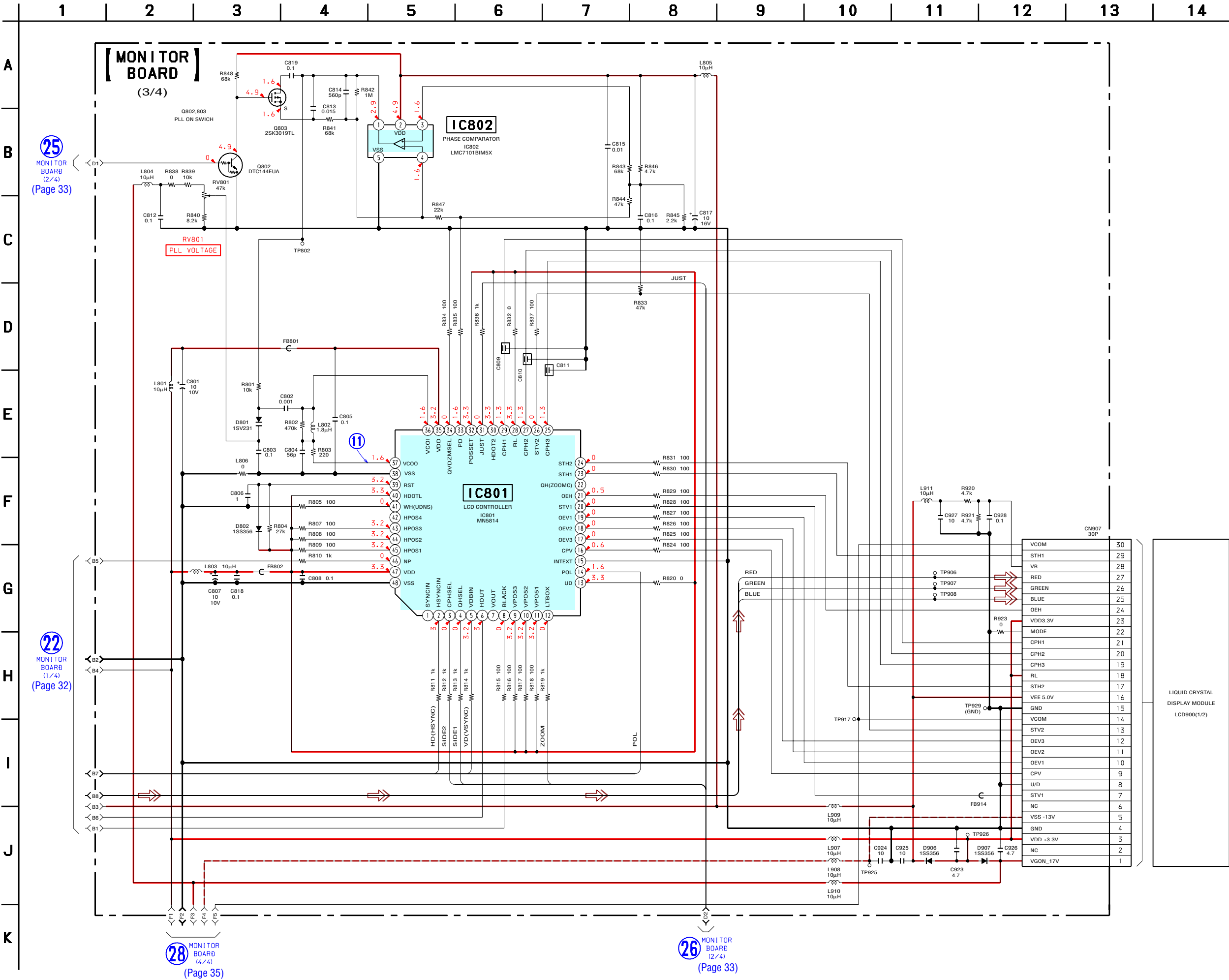
6-13. SCHEMATIC DIAGRAM – MONITOR Section (1/4) –



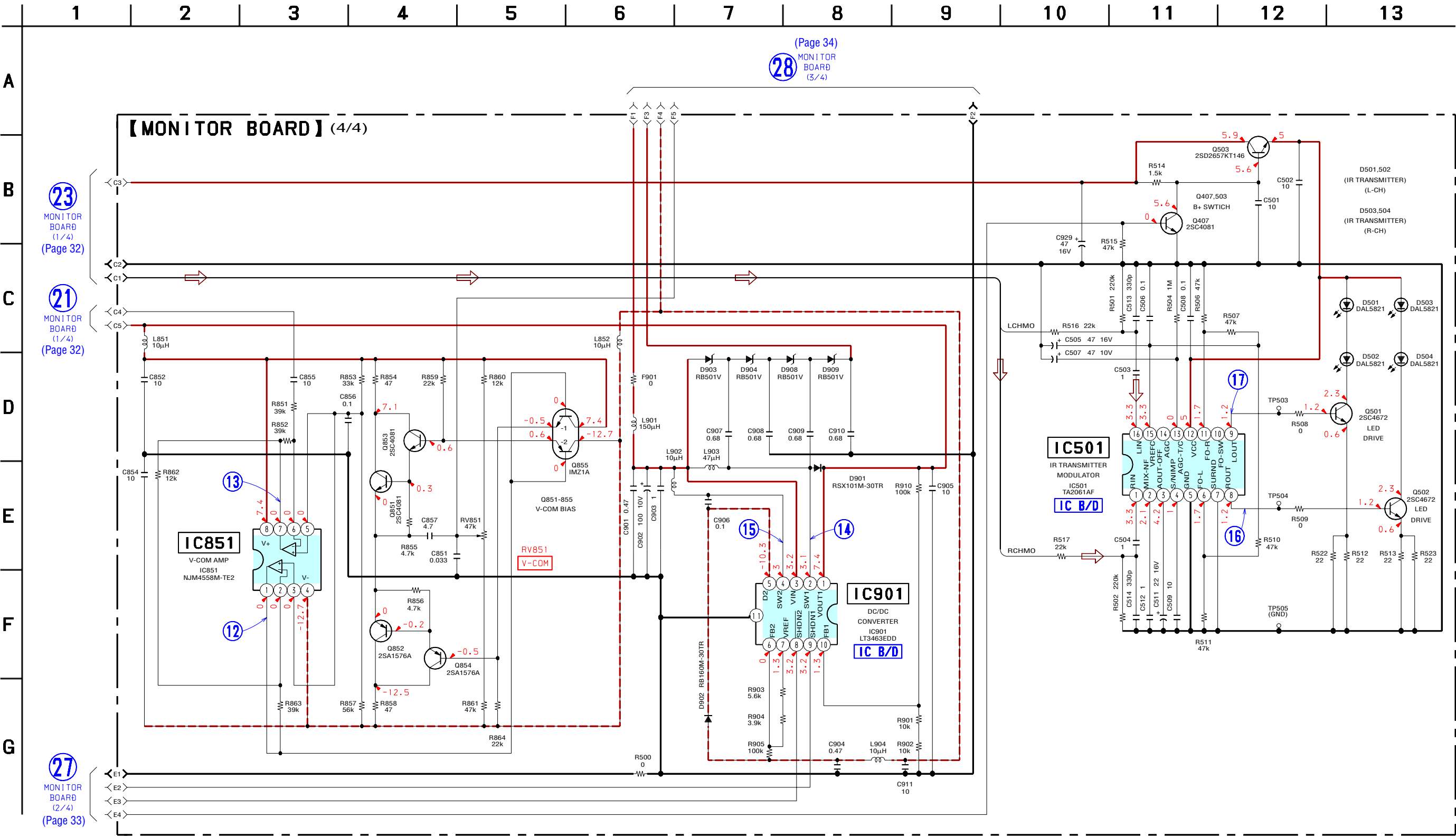
6-14. SCHEMATIC DIAGRAM – MONITOR Section (2/4) – • See page 36 for Waveforms. • See page 37 for IC Block Diagrams. • See page 45 for IC Pin Function Description.



6-15. SCHEMATIC DIAGRAM – MONITOR Section (3/4) – • See page 36 for Waveforms. • See page 45 for IC Pin Function Description.

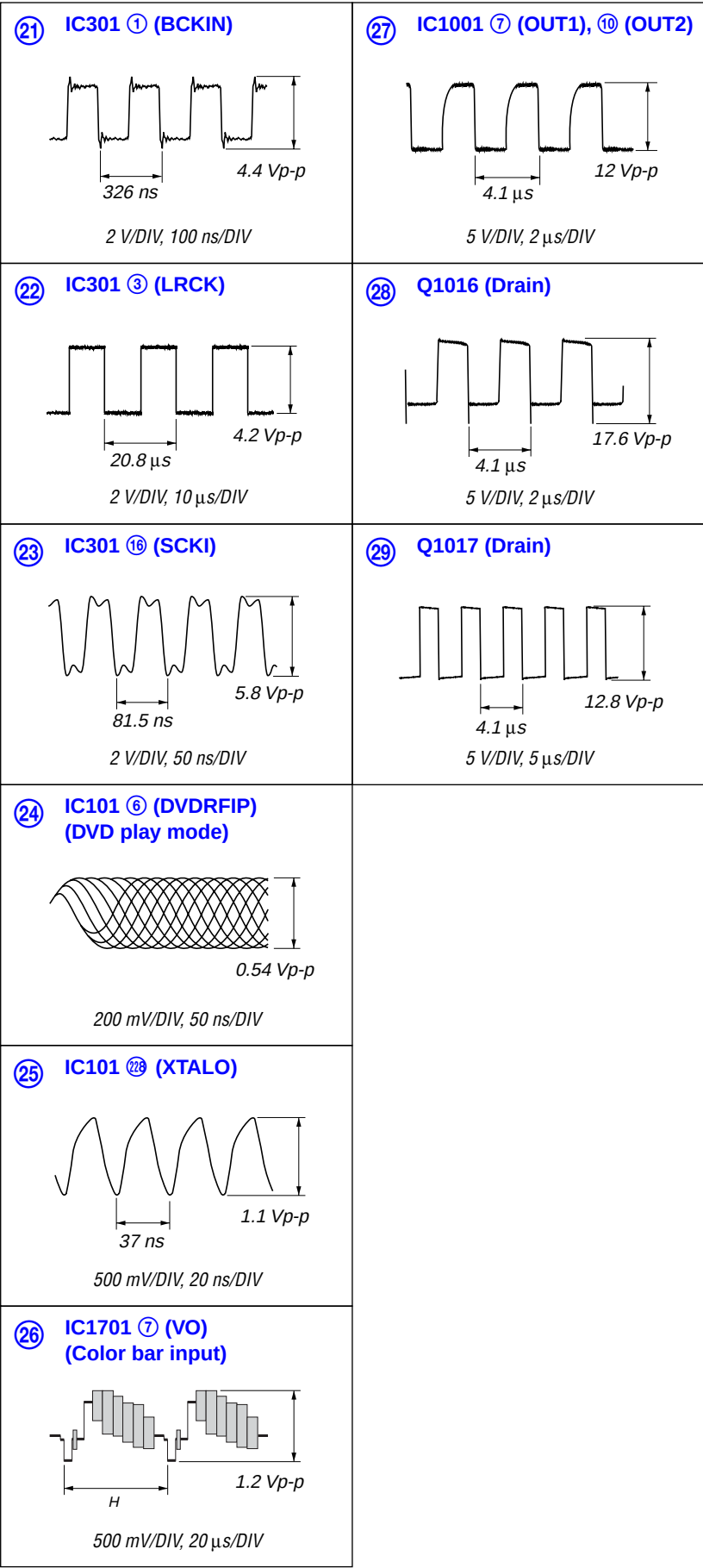


6-16. SCHEMATIC DIAGRAM – MONITOR Section (4/4) – • See page 36 for Waveforms. • See page 37 for IC Block Diagrams.

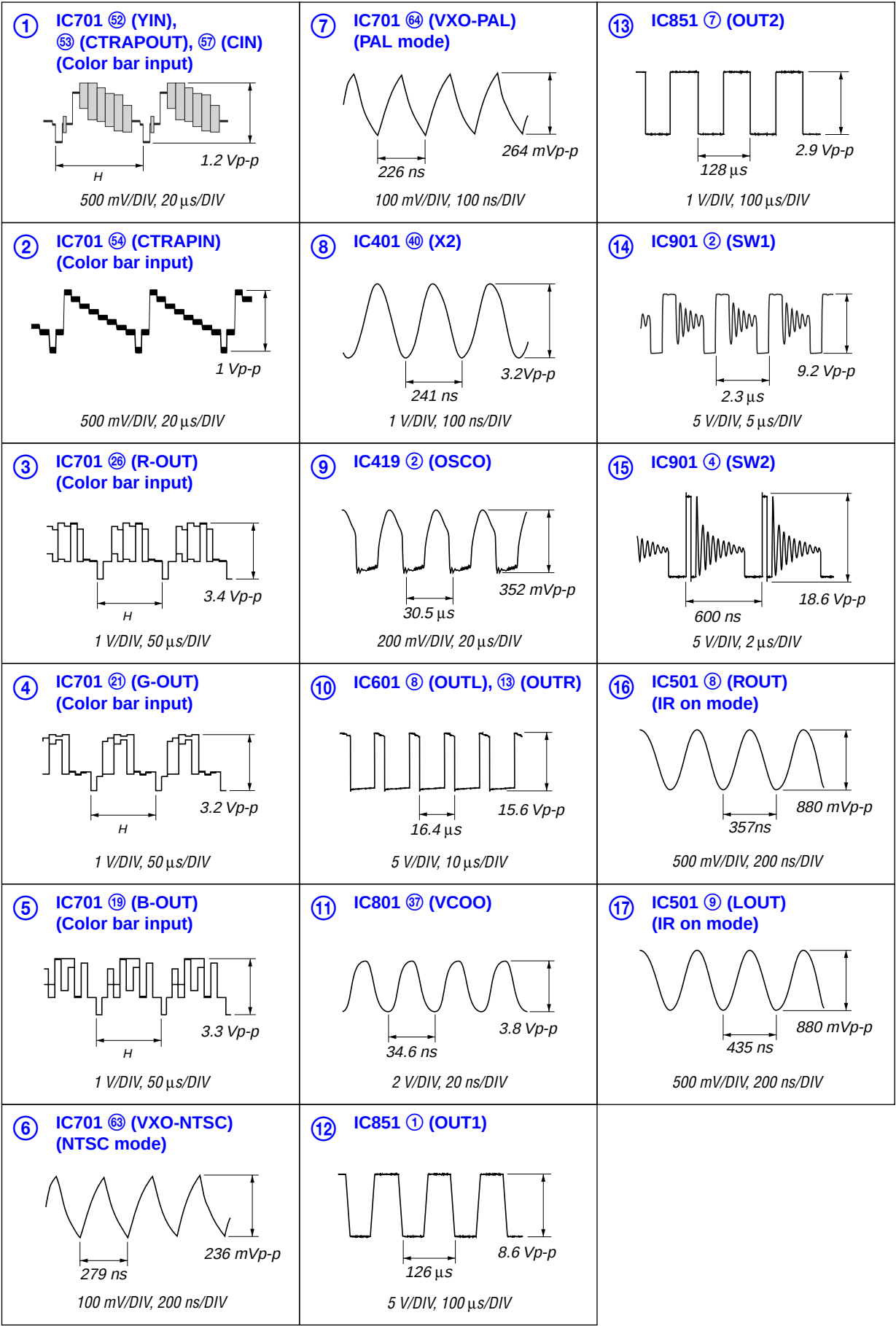


• Waveforms

– MAIN Board –



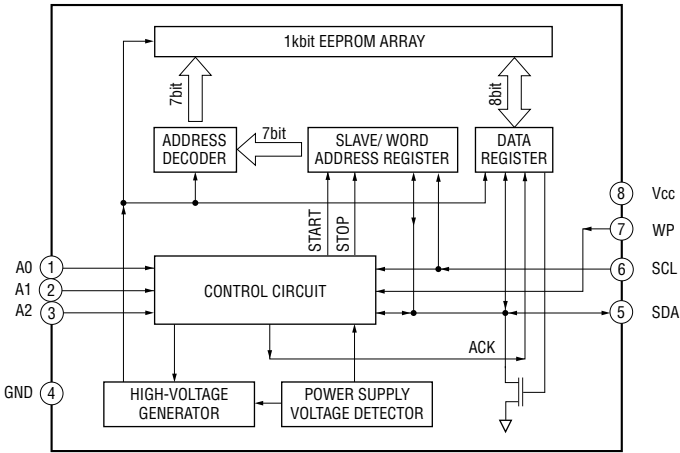
– MONITOR Board –



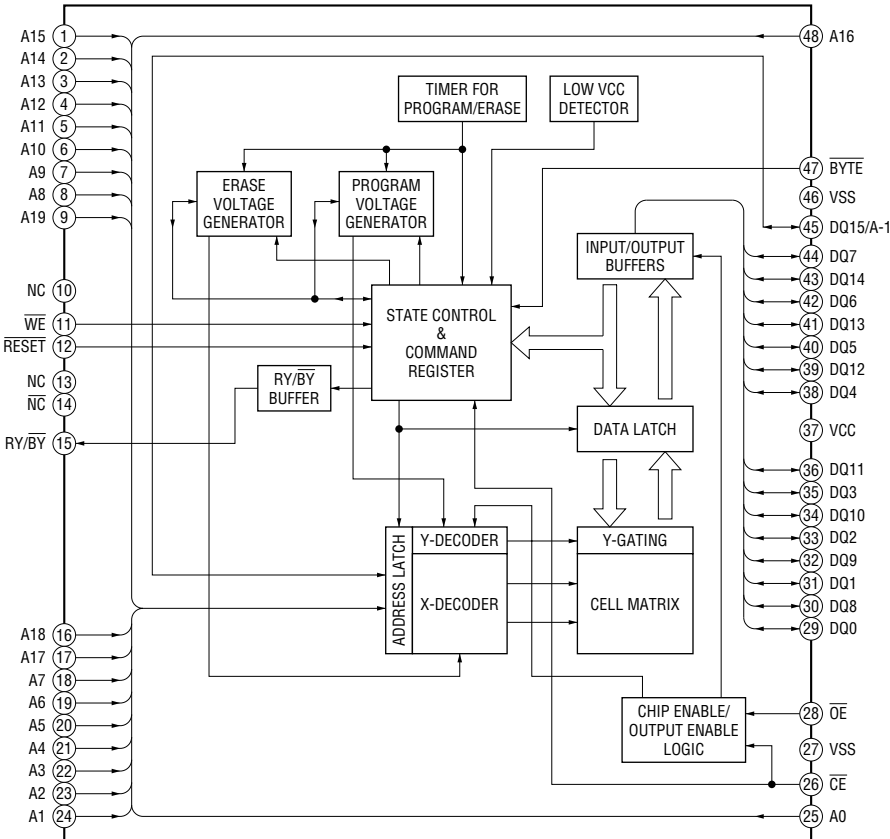
• IC Block Diagrams

– MAIN Board –

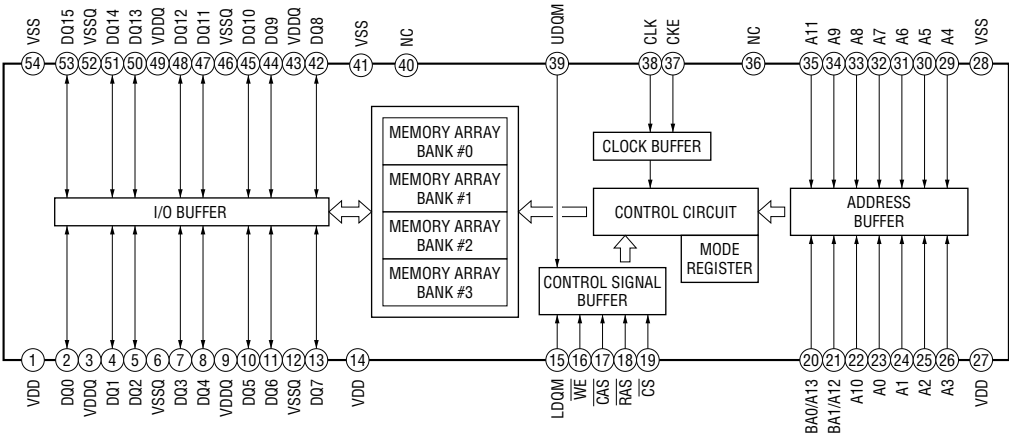
IC103 BR24L16F-WE2



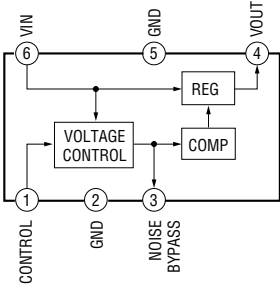
IC104 MBM29LV160BE70TN-FS1



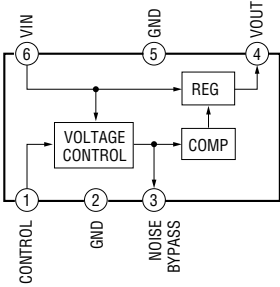
IC105 A2V64S40DTP-G75-T



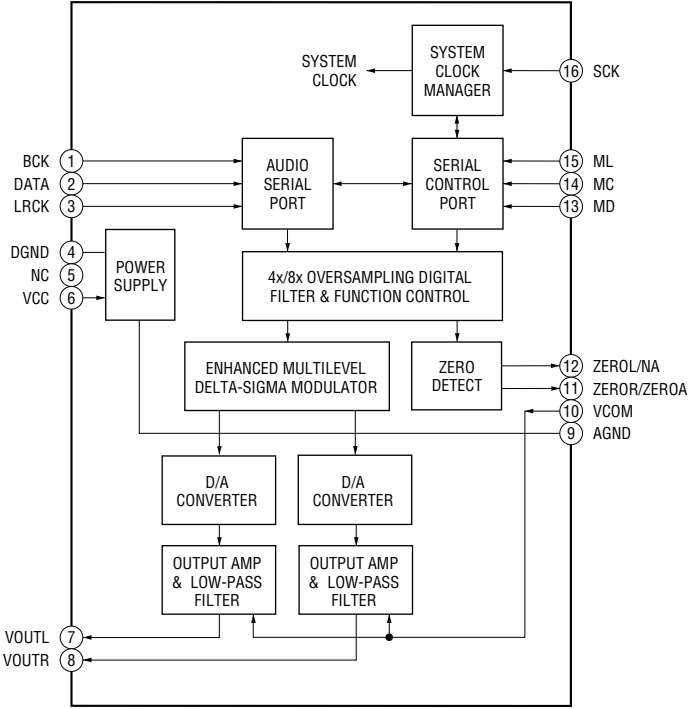
IC209, 210 TK11233CMCL-G



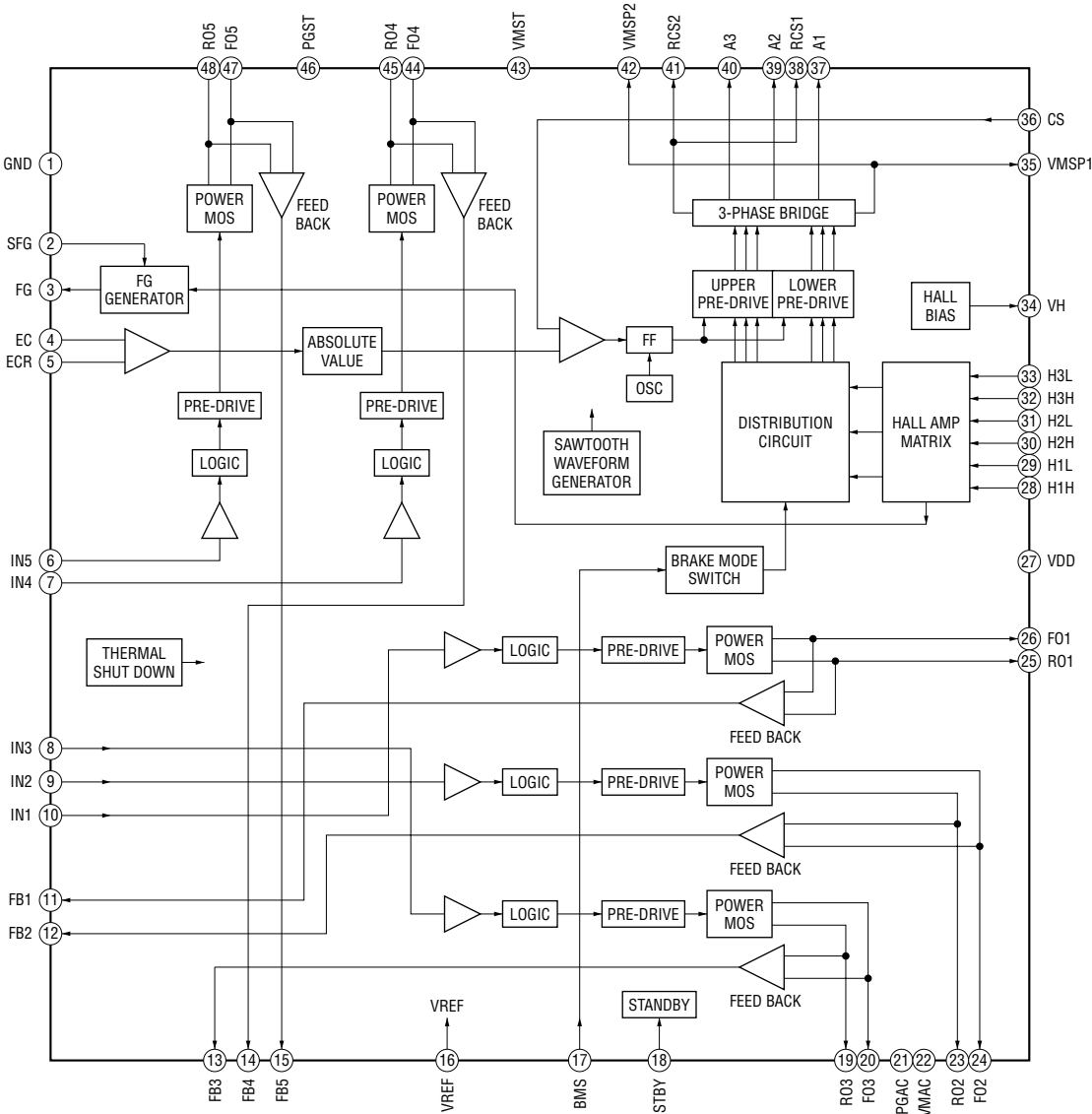
IC212 TK11250CMCL-G



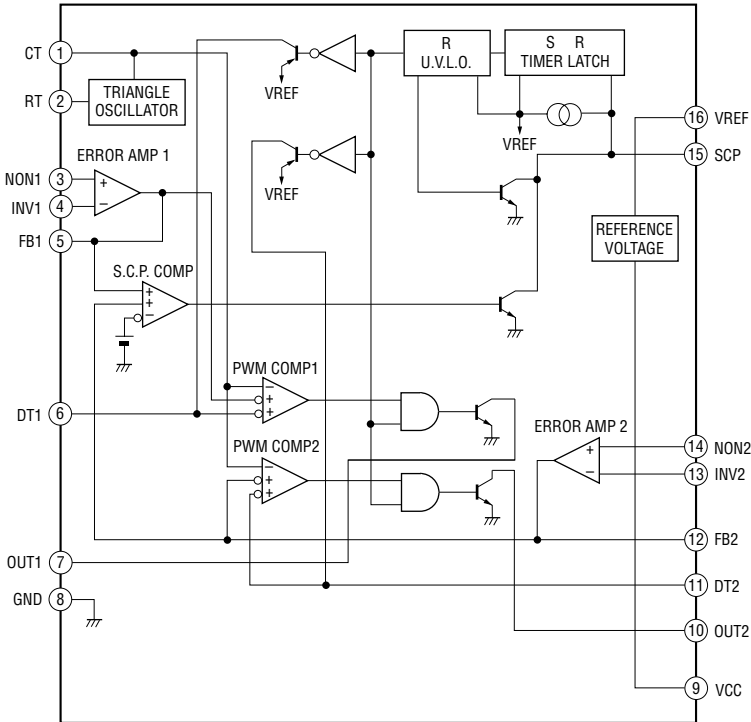
IC301 PCM1753DBQR



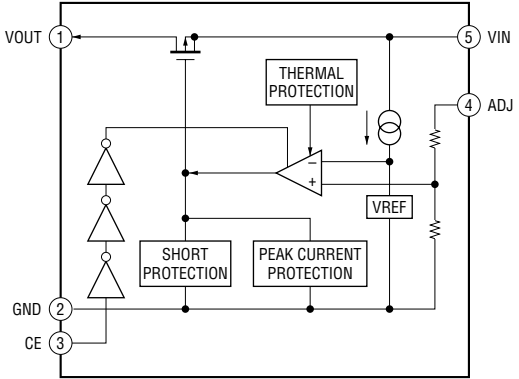
IC351 AN41204A



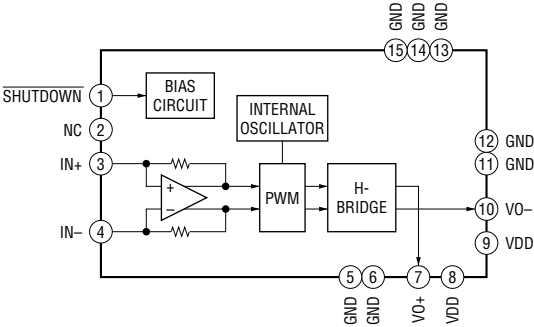
IC1001 BA9743AFV-E2



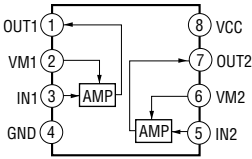
IC1002 R1154H001C-FB



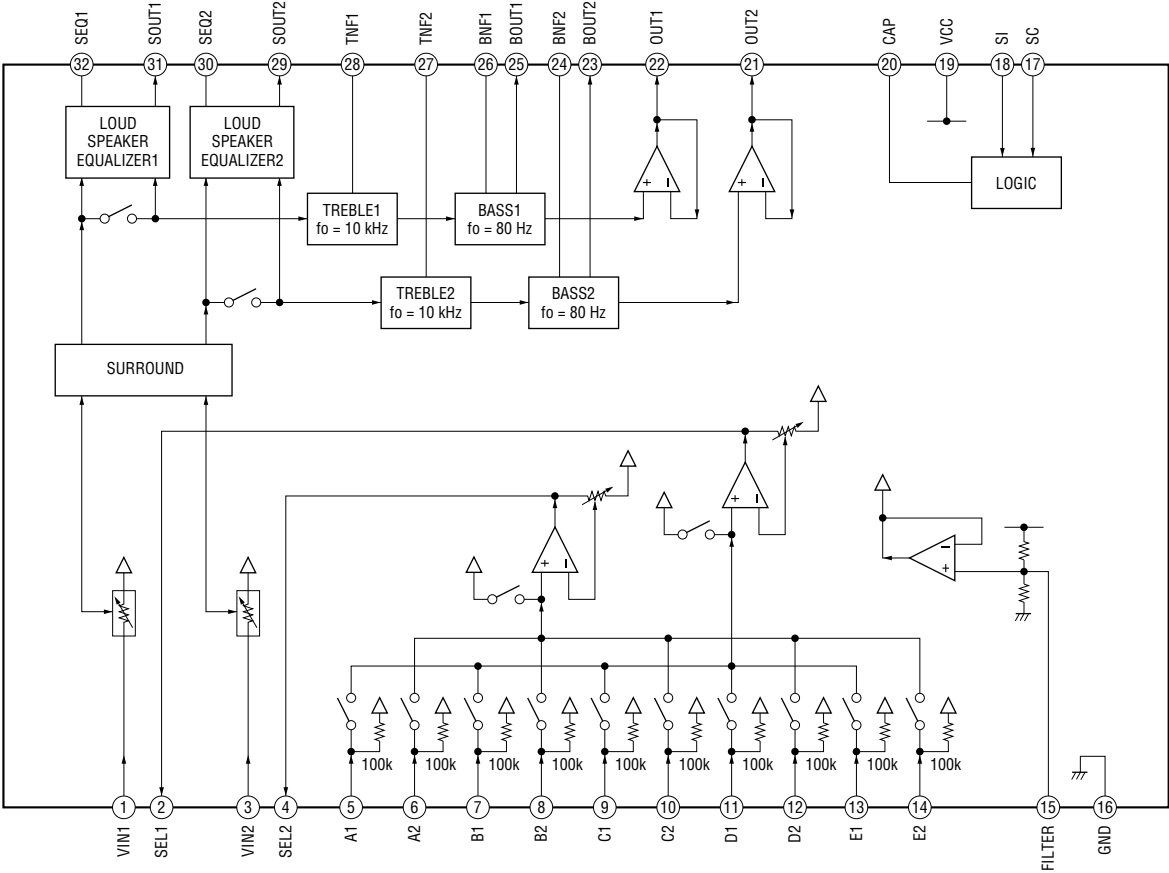
IC1101, 1201 TPA2005D1ZQYR



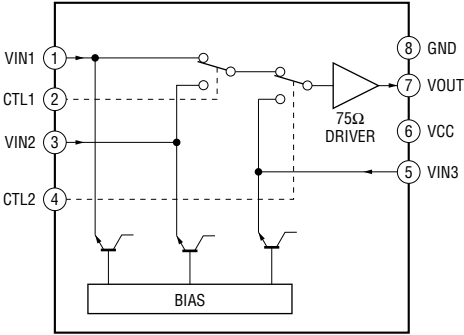
IC1352 BA3121F



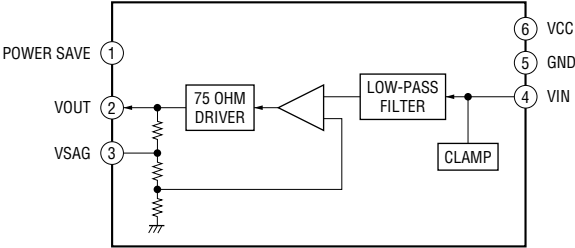
IC1401 BD3872FS



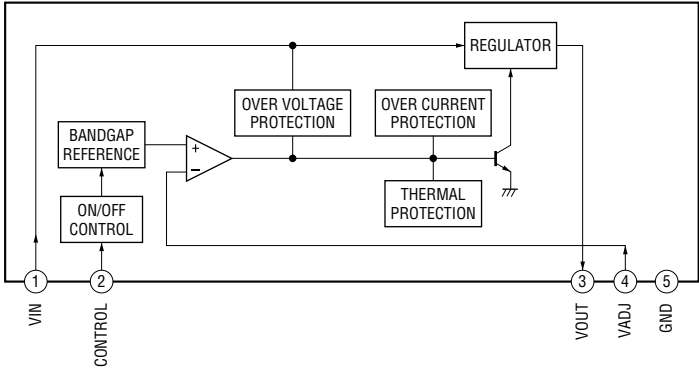
IC1701 NJM2535V (TE2)



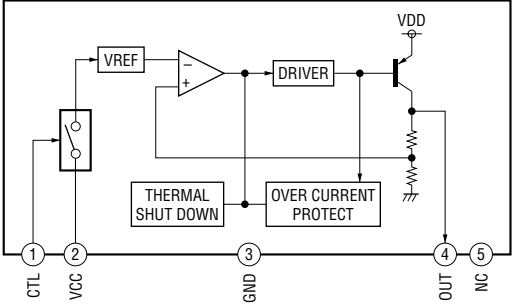
IC1702 NJM2561F1-TE2



IC1901 NJM2387DL2-TE1

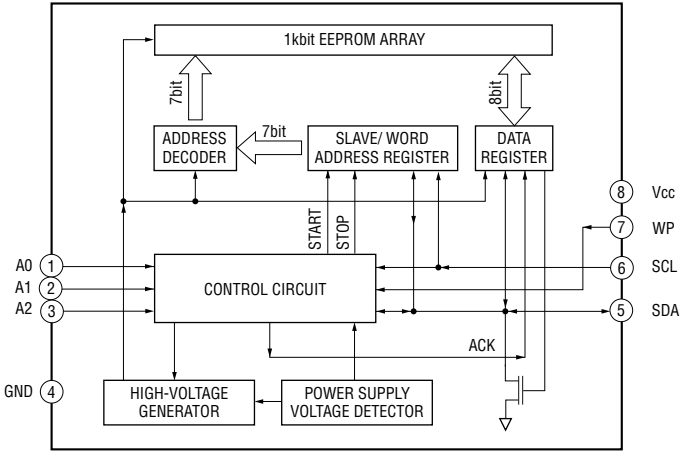


IC1902 BA33BC0WFP-E2

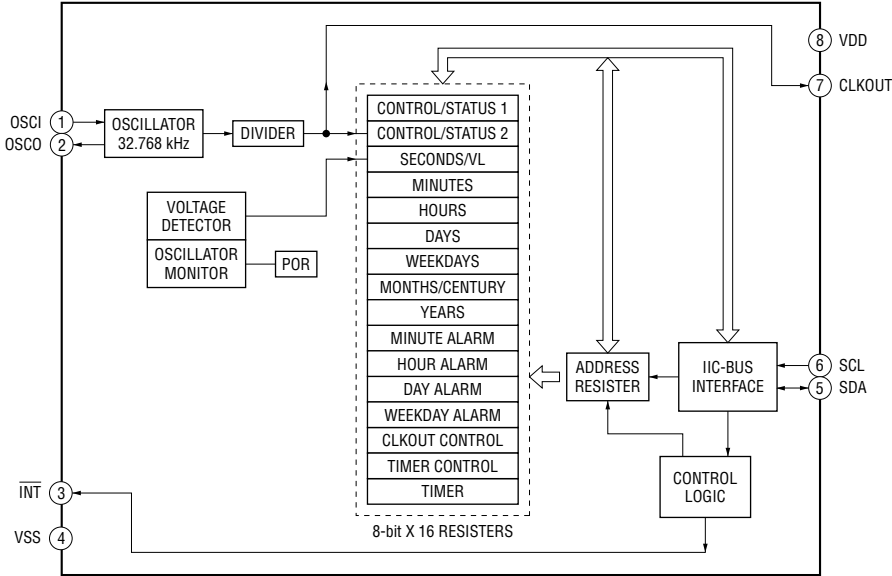


- MONITOR Board -

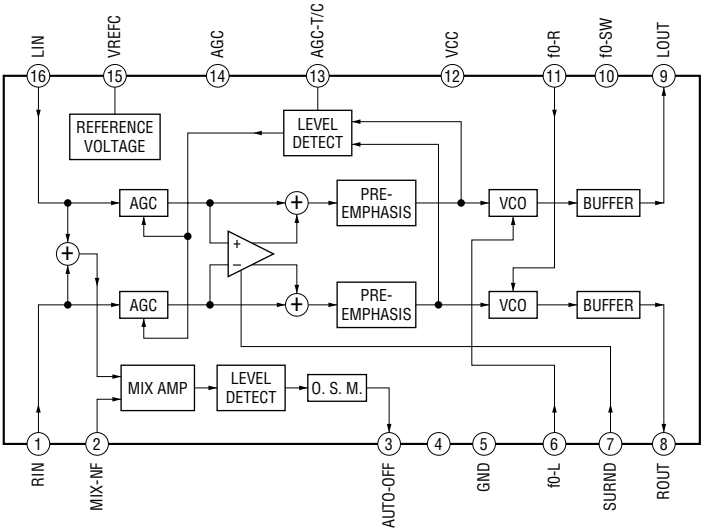
IC403 BR24L02F-WE2



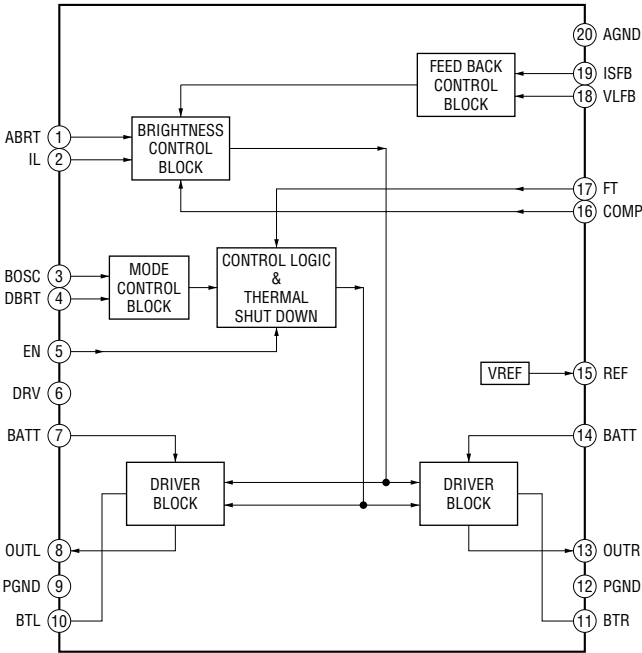
IC419 PCA8565TS



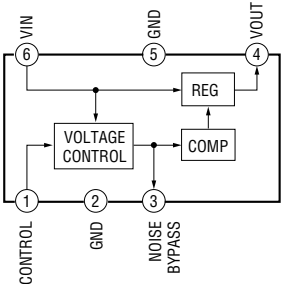
IC501 TA2061AF-EL



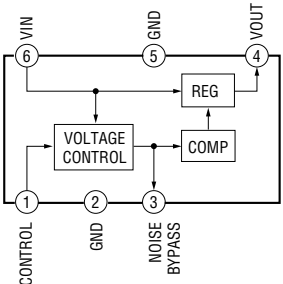
IC601 MP1015EF-LF-Z



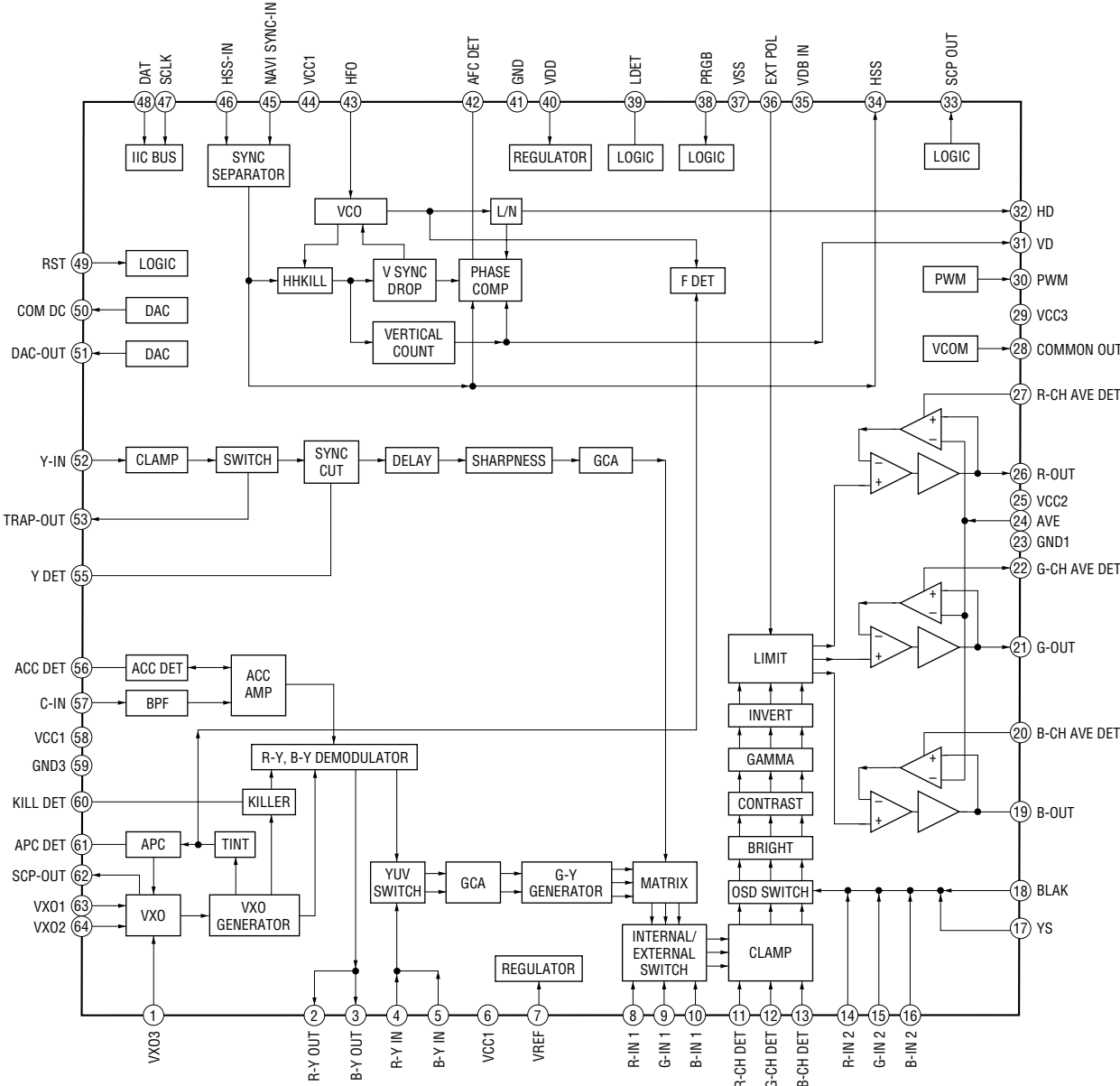
IC631 TK11233CMCL-G



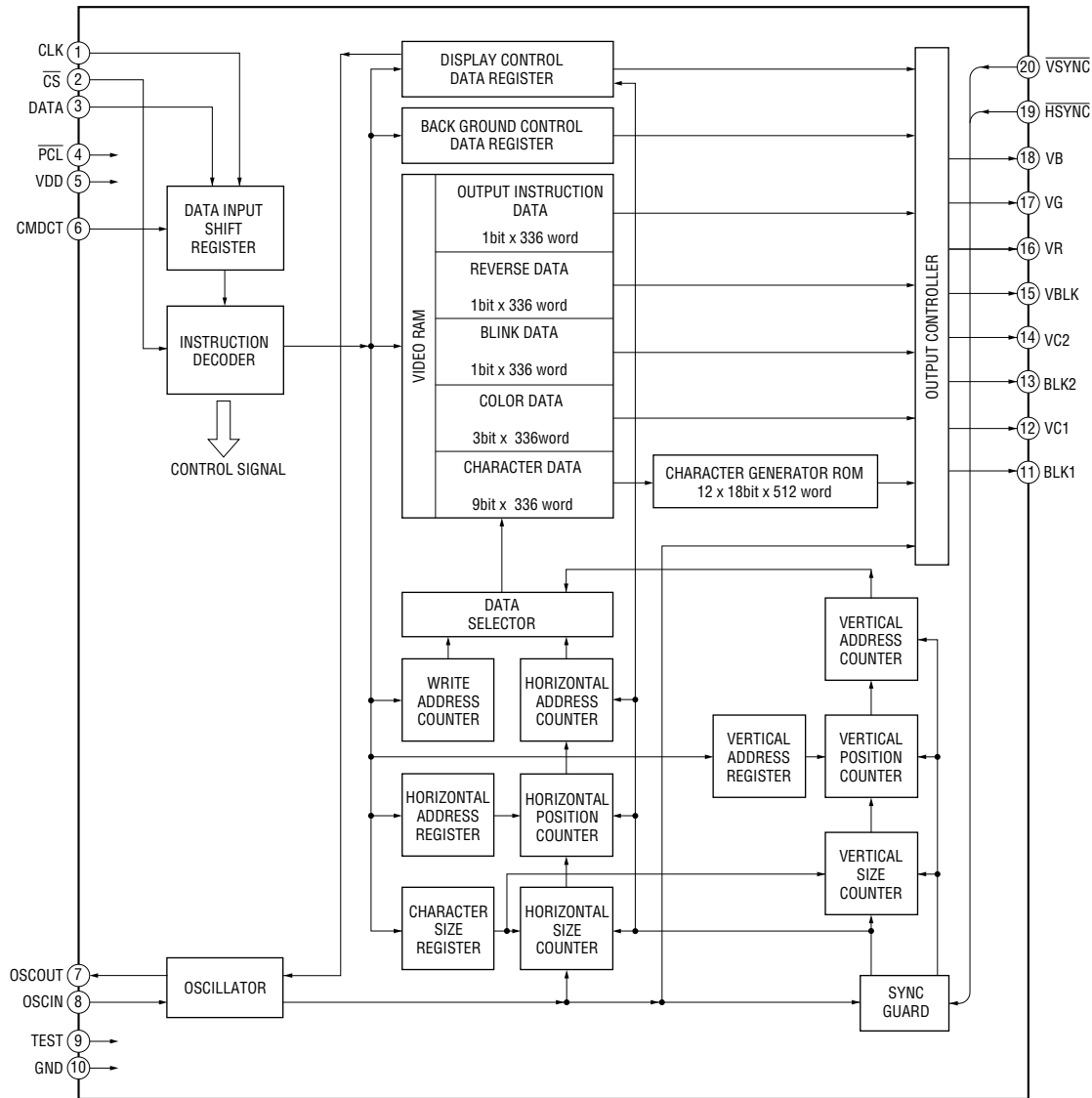
IC632 TK11250CMCL-G



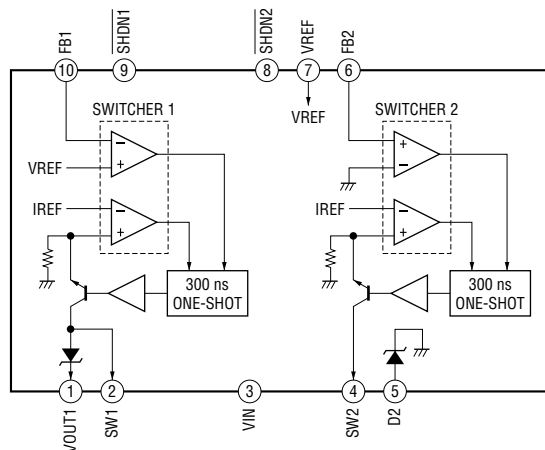
IC701 AN2546FH-AV



IC751 μPD6467GR-546-E1



IC901 LT3463EDD



• IC Pin Function Description

MAIN BOARD IC101 CXD9804R (RF AMP, SERVO DSP, MPEG DECODER)

Pin No.	Pin Name	I/O	Description
1	AGND	-	Ground terminal
2	DVDA	I	AC coupled input path A
3	DVDB	I	AC coupled input path B
4	DVDC	I	AC coupled input path C
5	DVDD	I	AC coupled input path D
6	DVDRFIP	I	AC coupled DVD RF signal input terminal
7	DVDRFIN	I	AC coupled DVD RF signal input terminal
8	MA	I	DC coupled main-beam RF signal input A
9	MB	I	DC coupled main-beam RF signal input B
10	MC	I	DC coupled main-beam RF signal input C
11	MD	I	DC coupled main-beam RF signal input D
12	SA	I	Focus error signal input terminal
13	SB	I	Focus error signal input terminal
14	SC	I	DC coupled sub-beam RF signal input C Not used
15	SD	I	DC coupled sub-beam RF signal input D Not used
16	CDFON	I	CD focusing error negative input terminal
17	CDFOP	I	CD focusing error positive input terminal
18	TNI	I	3 beam satellite PD signal negative input terminal
19	TPI	I	3 beam satellite PD signal positive input terminal
20, 21	MDI1, MDI2	I	Laser power monitor input terminal
22	LDO2	O	Laser diode drive signal output terminal (for DVD)
23	LDO1	O	Laser diode drive signal output terminal (for CD)
24	SVDD3	-	Power supply terminal (+3.3V)
25	CSO/RFOP	O	Central servo signal output or positive main beam summing output terminal
26	RFLVL/RFON	O	RFRP low pass or positive main beam summing output terminal
27	SGND	-	Ground terminal
28	V2REFO	O	Reference voltage (+2.8V) output terminal
29	V20	O	Reference voltage (+2V) output terminal
30	VREFO	O	Reference voltage (+1.4V) output terminal
31	FEO	O	Focus error monitor output terminal
32	TEO	O	tracking error monitor output terminal
33	TEZISLV	O	Slice level of tracking error signal output terminal
34	OP_OUT	O	Output from the internal OP AMP
35	OP_INN	I	Input to the internal OP AMP Not used
36	OP_INP	I	Input to the internal OP AMP Not used
37	DMO	O	Spindle motor control signal output terminal
38	FMO	O	Sled motor control signal output terminal
39	TROPENPWM	O	Disc tray motor control signal output terminal Not used
40	PWMOUT1	O	PWM output terminal Not used
41	TRO	O	Tracking coil control signal output terminal
42	FOO	O	Focus coil control signal output terminal
43	USB_VSS	-	Ground terminal
44	USBP	I/O	USB communication data input/output terminal Not used
45	USBM	I/O	USB communication data input/output terminal Not used
46	USB_VDD3	-	Power supply terminal (+3.3V)
47	FG	I	Motor hall sensor input terminal

Pin No.	Pin Name	I/O	Description
48	TDI	O	Serial data output terminal Not used
49	TMS	I	Disc lid open/close detect switches input terminal
50	STBY	O	Standby signal output to the coil/motor driver
51	TDO	O	Chip select signal output terminal Not used
52	DVDD18	-	Power supply terminal (+1.8V)
53 to 59	IOA2 to IOA8	O	Address signal output to the flash ROM
60, 61	IOA18, IOA19	O	Address signal output to the flash ROM
62	DVSS	-	Ground terminal
63	APLLCAP	-	Connection terminal for an external capacitor
64	APLLVSS	-	Ground terminal
65	APLVDD3	-	Power supply terminal (+3.3V)
66	XIOWR	O	Write enable signal output to the flash ROM
67 to 72	IOA16 to IOA11	O	Address signal output to the flash ROM
73	DVDD3	-	Power supply terminal (+3.3V)
74, 75	IOA10, IOA9	O	Address signal output to the flash ROM
76	IOA20	O	Address signal output to the flash ROM
77	XIOCS	O	Chip select signal output to the flash ROM
78	IOA1	O	Address signal output to the flash ROM
79	XIOOE	O	Output enable signal output to the flash ROM
80	DVDD3	-	Power supply terminal (+3.3V)
81 to 84	AD0 to AD3	I/O	Data/address signal input/output terminal with the flash ROM
85	DVSS	-	Ground terminal
86 to 88	AD4 to AD6	I/O	Data/address signal input/output terminal with the flash ROM
89	MS_INS	I	Memory stick insert detection signal input terminal "L": memory stick is inserted
90	ALE	O	Address latch enable signal output terminal Not used
91	AD7	O	Address latch enable signal output terminal Not used
92	IOA17	O	Address signal output to the flash ROM
93	IOA0	O	Address signal output to the flash ROM
94	DVSS	-	Ground terminal
95	XUWR	O	Write enable signal output terminal Not used
96	XURD	O	Data read enable signal output terminal Not used
97	DVDD18	-	Power supply terminal (+1.8V)
98	UP1_2	I/O	Not used
99	MC	O	Mode control clock signal output to the D/A converter
100	UP1_4	I/O	Not used
101	MD	O	Mode control data output to the D/A converter
102	EEP_CK	O	Serial data transfer clock signal output to the EEPROM
103	EEP_DA	I/O	Two-way data bus with the EEPROM
104	ML	O	Mode control latch signal output to the D/A converter
105	UP3_1	I/O	Not used
106	RXD	I	Receive data input terminal for UART communication when data writing to flash memory
107	TXD	O	Transmit data output terminal for UART communication when data writing to flash memory
108	DVDD3	-	Power supply terminal (+3.3V)
109	ICE	I	ICE mode enable signal input terminal Not used
110	XPRST	I	System reset signal input from the system controller
111	IR	I	IR control signal input terminal Not used
112	XINTO	O	Interrupt request signal output terminal Not used

Pin No.	Pin Name	I/O	Description
113	DQM0	O	Data mask signal output to the SD-RAM
114	DVD/CD	O	DVD/CD switch signal output terminal
115	RD7	I/O	Two-way data bus with the SD-RAM
116	DVSS	-	Ground terminal
117, 118	RD6, RD5	I/O	Two-way data bus with the SD-RAM
119	DVSS	-	Ground terminal
120, 121	RD4, RD3	I/O	Two-way data bus with the SD-RAM
122	DVDD18	-	Power supply terminal (+1.8V)
123 to 125	RD2 to RD0	I/O	Two-way data bus with the SD-RAM
126	RD15	I/O	Two-way data bus with the SD-RAM
127	DVDD3	-	Power supply terminal (+3.3V)
128 to 133	RD14 to RD9	I/O	Two-way data bus with the SD-RAM
134	DVSS	-	Ground terminal
135	RD8	I/O	Two-way data bus with the SD-RAM
136	DQS1	-	Not used
137	DQM1	O	Data mask signal output to the SD-RAM
138	XRWE	O	Write enable signal output to the SD-RAM
139	XCAS	O	Column address strobe signal output to the SD-RAM
140	XRAS	O	Row address strobe signal output to the SD-RAM
141	DVDD3	-	Power supply terminal (+3.3V)
142	XRCS	O	Chip select signal output to the SD-RAM
143	BA0	O	Bank address signal output to the SD-RAM
144	DVSS	-	Ground terminal
145	BA1	O	Bank address signal output to the SD-RAM
146	RA10	O	Address signal output to the SD-RAM
147	RA0	O	Address signal output to the SD-RAM
148	DVSS	-	Ground terminal
149 to 151	RA1 to RA3	O	Address signal output to the SD-RAM
152	DVDD18	-	Power supply terminal (+1.8V)
153	RVREF	-	Not used
154	RCLKB	-	Not used
155	DVDD3	-	Power supply terminal (+3.3V)
156	RCLK	O	Serial data transfer clock signal output to the SD-RAM
157	CKE	O	Clock enable signal output to the SD-RAM
158	RA11	O	Address signal output to the SD-RAM
159, 160	RA9, RA8	O	Address signal output to the SD-RAM
161	DVSS	-	Ground terminal
162	RA7	O	Address signal output to the SD-RAM
163	DVSS	-	Ground terminal
164 to 166	RA6 to RA4	O	Address signal output to the SD-RAM
167	DVDD3	-	Power supply terminal (+3.3V)
168	XIFBUSY	O	Busy signal output to the system controller
169	XIFCS	I	Chip select signal input from the system controller
170	SI	O	Serial data output to the system controller
171, 172	RD28, RD27	I/O	Two-way data bus terminal Not used
173	DVDD18	-	Power supply terminal (+1.8V)
174	MS_CLK	O	Data transfer clock signal output to a memory stick

Pin No.	Pin Name	I/O	Description
175	DVSS	-	Ground terminal
176	MS_SDIO	I/O	Two-way data bus with a memory stick
177	MS_BS	O	Bus state signal output to a memory stick
178	SO	I	Serial data input from the system controller
179	SCK	I	Serial data transfer clock signal input from the system controller
180, 181	RD23, RD22	I/O	Two-way data bus terminal Not used
182	DVDD3	-	Power supply terminal (+3.3V)
183 to 188	RD21 to RD16	I/O	Two-way data bus terminal Not used
189	DACVDDC	-	Power supply terminal (+3.3V)
190	VREF	-	For bandgap reference voltage terminal
191	FS	-	Full scale adjustment terminal
192	YUV0/CIN	O	Video data (bit 0) output or compensation capacitor connecting terminal Not used
193	DACVSSC	-	Ground terminal
194	YUV1/Y	O	Video data (bit 1) output or luminance signal output terminal Not used
195	DACVDDDB	-	Power supply terminal (+3.3V)
196	YUV2/C	O	Video data (bit 2) output or chroma signal output terminal Not used
197	DACVSSB	-	Ground terminal
198	YUV3/CVBS	O	Video signal output terminal
199	DACVDDA	-	Power supply terminal (+3.3V)
200	YUV4/G	O	Video data (bit 4) output or green (RGB) signal output or luminance signal output terminal Not used
201	DACVSSA	-	Ground terminal
202	YUV5/B	O	Video data (bit 5) output or blue (RGB) signal output or CB (component video) signal output terminal Not used
203	YUV6/R	O	Video data (bit 6) output or red (RGB) signal output or CR (component video) signal output terminal Not used
204	DVDD3	-	Power supply terminal (+3.3V)
205	VSNC	I	Vertical synchronize signal input terminal Not used
206	YUV7	O	Video data (bit 7) output terminal Not used
207	HSNC	I	Horizontal synchronize signal input terminal Not used
208	SPMCLK	I	SPDIF digital audio data transfer clock signal input terminal Not used
209	SPDATA	I	SPDIF digital audio data input terminal Not used
210	SPLRCK	I	SPDIF digital audio L/R sampling clock signal input terminal Not used
211	SPBCK	I	SPDIF digital audio bit clock signal input terminal Not used
212	DVDD3	-	Power supply terminal (+3.3V)
213	ALRCK	O	L/R sampling clock signal output to the D/A converter
214	ABCK	O	Bit clock signal (2.8224 MHz) output to the D/A converter
215	ACLK	O	Serial data transfer clock signal output to the D/A converter
216	DVSS	-	Ground terminal
217	ASDATA0	O	Serial data output to the D/A converter
218 to 220	ASDATA1 to ASDATA3	O	Serial data output terminal Not used
221	DVDD18	-	Power supply terminal (+1.8V)
222	ASDATA4	O	Not used
223	DVSS	-	Ground terminal
224	MC_DATA	I	Serial data input terminal Not used
225	SPDIF	O	SPDIF digital audio signal output terminal
226	RFGND18	-	Ground terminal

Pin No.	Pin Name	I/O	Description
227	RFVDD18	-	Power supply terminal (+1.8V)
228	XTALO	O	System clock output terminal (27 MHz)
229	XTALI	I	System clock input terminal (27 MHz)
230	JITFO	O	Output terminal of the RF jitter meter
231	JITFN	I	Input terminal of the RF jitter meter
232	PLLVSS	-	Ground terminal
233	IDACEXLP	O	For data PLL D/A converter low-pass filter terminal
234	PLLVDD3	-	Power supply terminal (+3.3V)
235	LPFON	O	Data PLL loop filter output terminal
236	LPFIP	I	Data PLL loop filter input terminal
237	LPFIN	I	Data PLL loop filter input terminal
238	LPFOP	O	Data PLL loop filter output terminal
239	ADCVD3	-	Power supply terminal (+3.3V)
240	S_VCM	-	Not used
241	ADCVSS	-	Ground terminal
242	S_VREFP	-	For reference voltage terminal
243	S_VREFN	-	For reference voltage terminal
244	RFVDD3	-	Power supply terminal (+3.3V)
245	RFRPDC	O	RF ripple detect output terminal
246	RFRPAC	I	RF ripple detect input terminal
247	HRFZC	I	High frequency RF ripple zero crossing terminal
248	CRTPLP	O	Defect level filter capacitor connecting terminal
249	RFGND	-	Ground terminal
250	CEQP	-	Not used
251	CEQN	-	Not used
252	OSP	O	RF offset cancellation capacitor connecting terminal
253	OSN	O	RF offset cancellation capacitor connecting terminal
254	RFGC	O	RF AGC loop capacitor connecting for DVD-ROM
255	IREF	I	Reference current input terminal
256	AVDD3	-	Power supply terminal (+3.3V)

MONITOR BOARD IC401 μ PD780024AGK-C85-9ET-A (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	TEST	I	Test mode setting terminal "H": test mode when power on, normally fixed at "L"
2	PW-ON	O	Power on/off control signal output for main power and LED drive signal output "H": power on, LED on
3	SHDN2	O	Power on/off control signal output for the LCD (VSS -13V)
4	SHDN1	O	Power on/off control signal output for the LCD (+7.5V)
5	NC	O	Not used
6	S-SCL	O	Serial data transfer clock signal output to the electrical volume
7	S-SDA	I/O	Serial data input/output to the electrical volume
8	MTRST	O	Reset signal output to the servo DSP
9	VSS0	-	Ground terminal
10	VDD0	-	Power supply terminal (+3.3V)
11	XIFCS	O	Chip select signal output to the servo DSP
12	XIFBUSY	I	Busy signal input from the servo DSP
13	*SDA	I/O	Two-way data bus with the TV tuner unit, EEPROM and real time clock IC
14	*SCL	O	Serial data transfer clock signal output to the TV tuner unit, EEPROM and real time clock IC
15	SIO	I	Serial data input from the servo DSP
16	SOO	O	Serial data output to the servo DSP
17	SCKO	O	Serial data transfer clock signal output to servo DSP
18	DOT SHIFT	O	Dot clock shift signal output to the clock generator circuit for OSD driver
19	OSD DATA	O	Serial data output to the OSD driver
20	OSD_CLK	O	Serial data transfer clock signal output to the OSD driver
21	TIMER_ON	O	Video control signal output terminal Not used
22	OSD_CS	O	Chip select signal output to the OSD driver
23	N/P	O	NTSC/PAL switching signal output terminal
24	VDD1	-	Power supply terminal (+3.3V)
25	AVSS	-	Ground terminal
26	SYNC_DET	I	SYNC signal detection input terminal
27	KEY_DVD	I	Front panel key input terminal (A/D input)
28	KEY_IN	I	Monitor panel key input terminal (A/D input)
29	HOME CHECK	I	Cradle detection terminal "H": cradled
30	KEY_PW	I	Power key input terminal "L": power on
31	DST_SEL1	I	Destination setting terminal
32	PW_DET	I	Battery voltage detection terminal
33	THRMAL	I	Temperature detection signal input terminal
34	AVREF	I	Reference voltage (+3.3V) input terminal
35	AVDD	-	Power supply terminal (+3.3V)
36	RESET	I	System reset signal input from the reset signal generator or reset key "L": reset For several hundreds msec. after the power supply rises, "L" is input, then it changes to "H"
37	XT2	-	For system clock terminal Not used
38	XT1	-	For system clock terminal Not used
39	FLASH	I	Internal flash memory data write control signal input terminal Not used
40	X2	O	System clock output terminal (4.19 MHz)
41	X1	I	System clock input terminal (4.19 MHz)
42	VSS1	-	Ground terminal
43	VD	I	Vertical sync signal input from the RGB decoder
44	KEY_HALT	I	Wake up signal input from the power key

Pin No.	Pin Name	I/O	Description
45	REM_HALT	I	Wake up signal input from the remote commander
46	PW_IN	I	Low-voltage detection signal input terminal
47	REM_IN	I	Remote control signal input terminal
48	ACC CHECK	I	Accessory power check input terminal from the cradle
49	DV_MUTE	O	Muting on/off control signal output terminal Not used
50	IR-ON	O	Power on/off control signal output for the IR transceiver LED
51	V-SCK	O	Serial data transfer clock signal output to the RGB decoder
52	V-SDA	O	Serial data output to the RGB decoder
53	AMUTE	O	Audio muting on/off control signal output terminal "L": muting on
54	U/D	O	Above and below scan direction selection signal output terminal "L": all inversion, normally "H" L-ch/R-ch inversion signal output terminal "L": inversion, normally "H" Not used
55	DST_SEL2	O	Destination setting terminal
56	TFT-ON	O	Power on/off control signal output for LCD back light unit "H": power on
57	ZOOM	O	Screen size selection signal output to the LCD controller "H": zoom screen
58, 59	SIDE2, SIDE1	O	Screen size selection signal output to the LCD controller
60	DIMMER	O	Dimmer on/off control signal output terminal for LCD back light unit "H": dimmer on
61	JUST	O	Screen size selection signal output to the LCD controller "H": wide screen
62	AMP-ON	O	Standby on/off control signal output for the power amplifier
63	SW1	O	Video input signal switching signal output terminal
64	RADIO_ON	O	Power on/off control signal output for FM tuner circuit and PLL control signal output for LCD controller

MONITOR BOARD IC751 μ PD6467GR-546-E1 (OSD DRIVER)

Pin No.	Pin Name	I/O	Description
1	SCLK	I	Serial data transfer clock signal input from the system controller
2	$\overline{\text{CS}}$	I	Chip select signal input from the system controller
3	DATA	I	Serial data input from the system controller
4	$\overline{\text{PCL}}$	I	Clear signal input after the power supply rises
5	VDD	-	Power supply terminal (+3.3V)
6	CMDCT	I	Command LSB/MSB first input selection signal input terminal "L": LSB first, "H": MSB first Fixed at "H" in this set
7	OSC_OUT	O	Output terminal from the clock generator circuit
8	OSC_IN	I	Input terminal from the clock generator circuit
9	TEST	I	Test mode setting terminal "H": test mode, normally fixed at "L"
10	GND	-	Ground terminal
11	BLK1	O	Blanking signal output terminal Not used
12	VC1	O	Character signal output terminal Not used
13	BLK2	O	Blanking signal output terminal Not used
14	VC2	O	Character signal output terminal Not used
15	VBLK	O	Blanking signal output to the RGB decoder
16 to 18	VR, VG, VB	O	Character signal output to the RGB decoder
19	$\overline{\text{VSYNC}}$	I	Vertical sync signal input from the RGB decoder
20	$\overline{\text{HSYNC}}$	I	Horizontal sync signal input from the LCD controller

MONITOR BOARD IC801 MN5814 (LCD CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	SYNCIN	I	Composite sync signal input terminal Not used
2	HSYNCIN	I	Horizontal sync signal input from the RGB decoder
3, 4	CPHSEL(SIDE2), QHSEL(SIDE1)	I	Screen size selection signal input from the system controller
5	VDBIN	I	Vertical sync signal input from the RGB decoder
6	HOUT	O	Horizontal sync signal output to the OSD driver
7	VOOUT	O	Vertical sync signal output terminal Not used
8	BLACK	O	Black signal output to the RGB decoder
9 to 11	VPOS3 to VPOS1	I	Vertical display position selection signal input terminal
12	LTBOX (ZOOM)	I	Screen size selection signal input from the system controller "H": zoom screen
13	UD	I	Above and below scan direction selection signal input terminal "L": all inversion, normally "H" Not used
14	POL	O	Polarity inversion signal of reflection and opposite output to the RGB decoder
15	INTEXT	I	Composite/separate sync selection signal input terminal
16	CPV	O	Gate driver clock signal output to the liquid crystal display module
17 to 19	OEVS3 to OEVS1	O	Gate driver output enable pulse signal output to the liquid crystal display module
20	STV1	O	Gate driver start pulse signal output to the liquid crystal display module
21	OEHS	O	Source driver output enable pulse signal output to the liquid crystal display module
22	QH (ZOOMC)	O	Screen size selection signal output terminal Not used
23, 24	STH1, STH2	O	Source driver start pulse signal output to the liquid crystal display module
25	CPH3	O	Source driver clock signal output to the liquid crystal display module
26	STV2	O	Gate driver start pulse signal output to the liquid crystal display module
27	CPH2	O	Source driver clock signal output to the liquid crystal display module
28	L/R	I	Left and right scan direction selection signal input terminal "L": all inversion, normally "H" Not used
29	CPH1	O	Source driver clock signal output to the liquid crystal display module
30	HDOT2	I	Mode selection signal input for number of display pixel
31	JUST	I	Screen size selection signal input from the system controller "H": wide screen
32	POSSET	I	Horizontal display position and vertical display position offset selection signal input terminal
33	PD	O	Phase comparison output terminal
34	QVDZMSEL	I	Screen size selection signal input terminal
35	VDD	-	Power supply terminal (+3.3V)
36	VCOI	I	VCO signal and system clock signal input terminal
37	VCOO	O	System clock signal output terminal
38	VSS	-	Ground terminal
39	RST	I	System reset signal input terminal
40	HDOT1	I	Mode selection signal input for number of display pixel
41	WH (UONS)	I	Screen size selection signal input terminal
42 to 45	HPOS4 to HPOS1	I	Horizontal display position selection signal input terminal
46	NP1	I	NTSC/PAL selection signal input terminal "L": NTSC, "H": PAL
47	VDD	-	Power supply terminal (+3.3V)
48	VSS	-	Ground terminal

SECTION 7

EXPLODED VIEWS

NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
Example:
KNOB, BALANCE (WHITE) . . . (RED)

↑
Parts Color

↑
Cabinet's Color
- Abbreviation

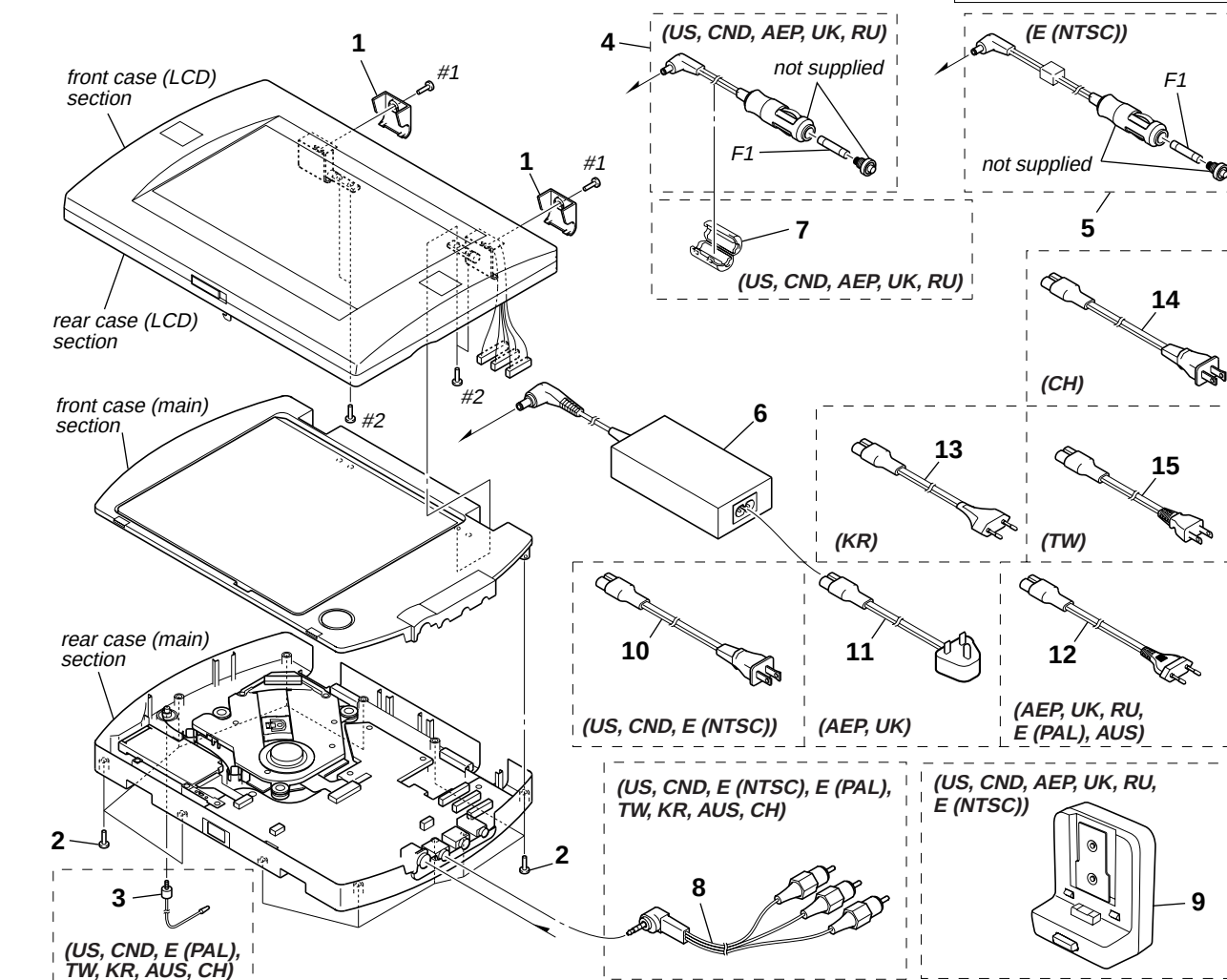
AUS : Australian model	CND : Canadian model	RU : Russian model
CH : Chinese model	KR : Korean model	TW : Taiwan model
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories are given in the last of the electrical parts list.

The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified.

Les composants identifiés par une
marque  sont critiques pour la
sécurité.
Ne les remplacer que par une pièce
portant le numéro spécifié.

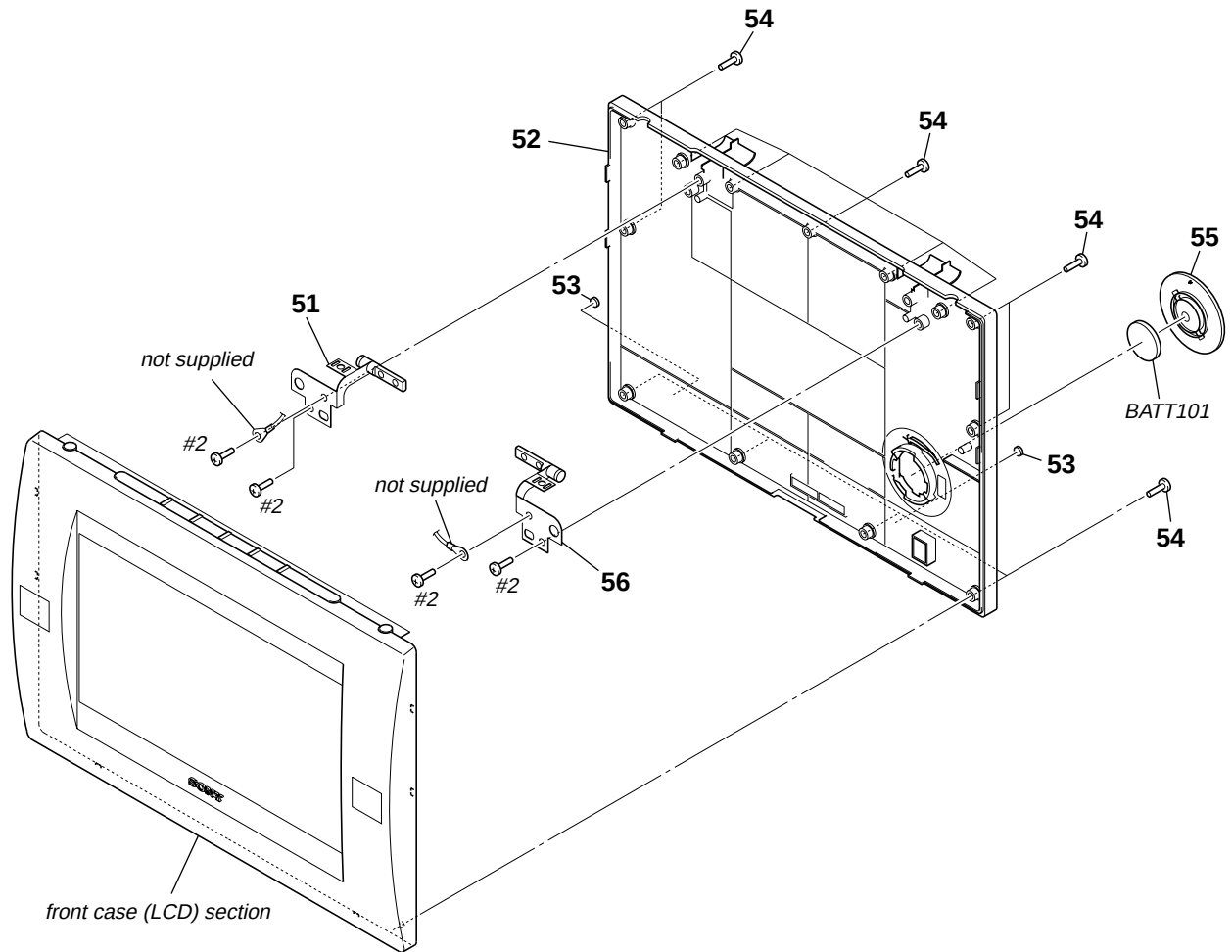
原理图和零件清单中标有△记号的零部件、或带有△记号的虚线所圈示的零部件，对于维系安全至关重要。因此只能以指定号码的零部件来更换。

7-1. OVERALL SECTION



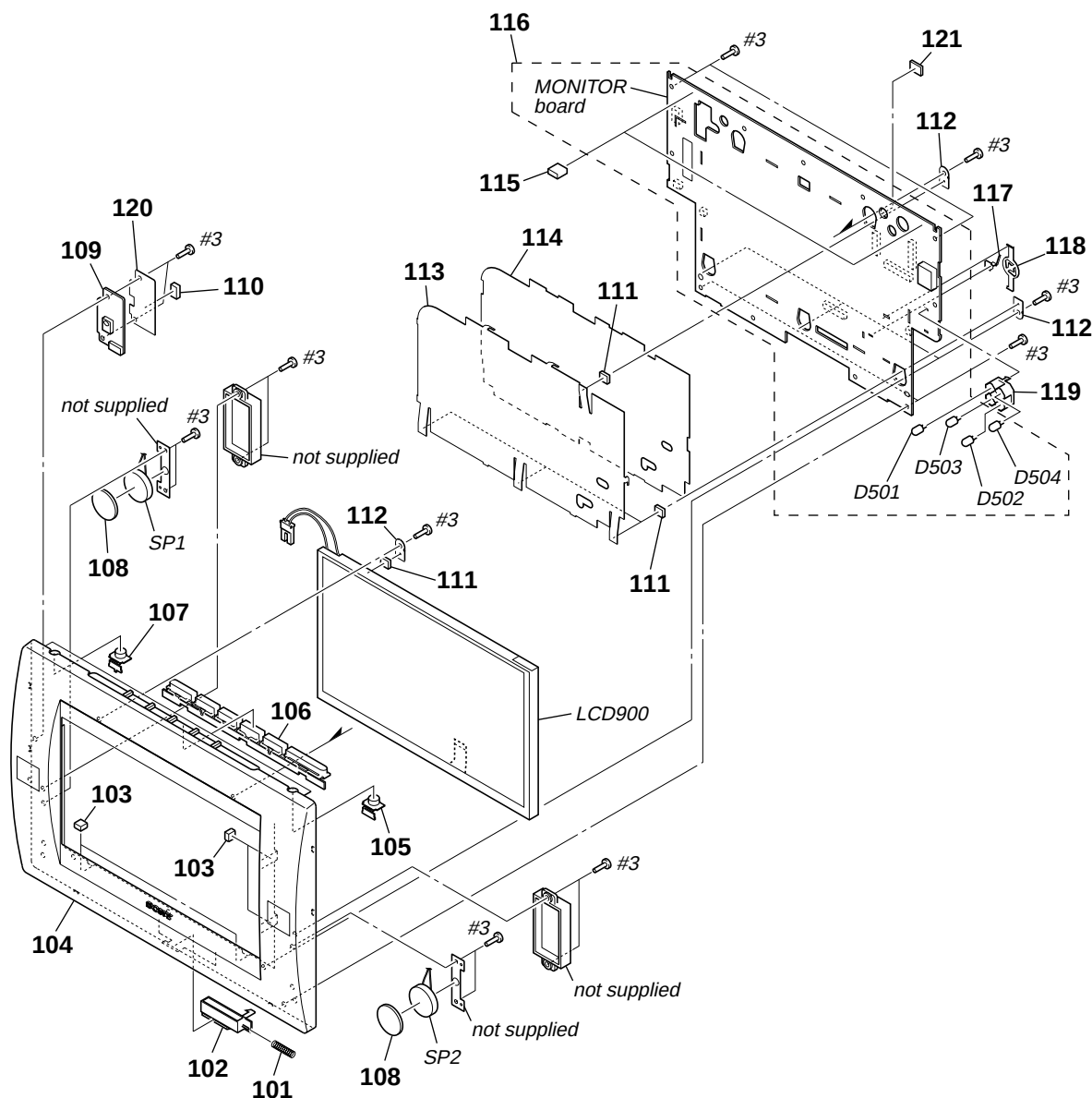
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	2-548-101-01	COVER (HINGE) (SILVER)		9	A-1121-886-A	CRADLE ASSY	
1	2-548-101-11	COVER (HINGE) (BLACK)				(US, CND, AEP, UK, RU, E (NTSC))	
2	3-250-543-61	SCREW (+B P-TITE M2) (for BLACK)		△ 10	1-829-237-11	CORD, POWER (for AC ADAPTOR)	
2	3-250-543-81	SCREW (+B P-TITE M2) (for SILVER)				(US, CND, E (NTSC))	
3	X-2022-450-1	WIRE (ANTENNA) ASSY		△ 11	1-827-480-11	POWER-SUPPLY CORD (for AC ADAPTOR)	
		(US, CND, E (PAL), TW, KR, AUS, CH)				(AEP, UK)	
4	1-829-358-21	CORD, CONNECTION (CIGAR)		△ 12	1-827-481-11	POWER-SUPPLY CORD (for AC ADAPTOR)	
		(US, CND, AEP, UK, RU)				(AEP, UK, RU, E (PAL), AUS)	
5	1-829-358-31	CORD, CONNECTION (CIGAR) (E (NTSC))		△ 13	1-776-985-12	CORD, POWER (KR)	
△ 6	1-468-626-52	ADAPTOR, AC (MPA-AC1)		△ 14	1-827-947-31	CORD, POWER (CH)	
7	1-469-241-11	CORE, FERRITE (RFC-8 BK)		△ 15	1-830-518-11	POWER-SUPPLY CORD SET (TW)	
		(US, CND, AEP, UK, RU)		F1	1-532-349-11	FUSE (4A/125V)	
8	1-765-080-91	CORD, CONNECTION (AUDIO/VIDEO CABLE)		#1	7-621-772-00	SCREW +B 2X3 (for BLACK)	
		(E (NTSC))					
				#1	7-621-772-08	SCREW +B 2X3 (for SILVER)	
8	1-824-097-11	CORD, CONNECTION (AUDIO/VIDEO INPUT CABLE) (US, CND, E (PAL), TW, KR, AUS, CH)		#2	7-621-771-06	SCREW +B 2X5	

7-2. REAR CASE (LCD) SECTION



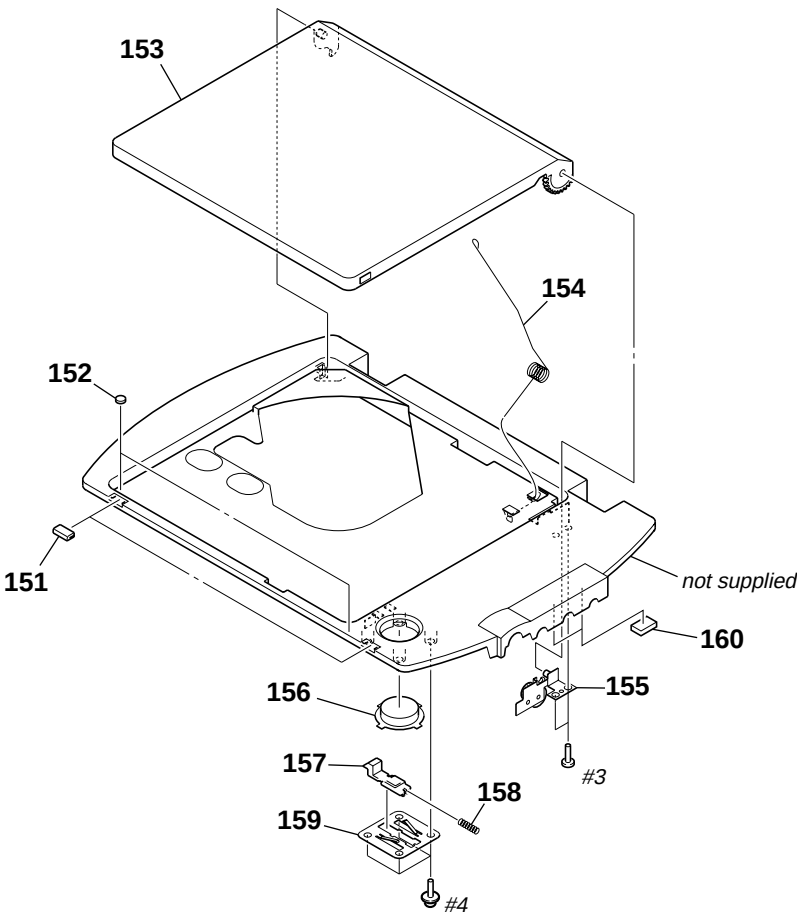
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-2055-330-1	HINGE (L) ASSY		54	3-250-543-81	SCREW (+B P-TITE M2) (for SILVER)	
52	X-2025-515-1	CASE (LCD) ASSY, REAR (SILVER)		55	2-548-080-01	COVER (BATT) (SILVER)	
52	X-2055-327-1	CASE (LCD) ASSY, REAR (BLACK)		55	2-548-080-11	COVER (BATT) (BLACK)	
53	2-630-573-01	CUSHION (LIFT) (for SILVER)		56	X-2055-331-1	HINGE (R) ASSY	
53	2-630-573-11	CUSHION (LIFT) (for BLACK)					
54	3-250-543-61	SCREW (+B P-TITE M2) (for BLACK)		BATT101	1-528-174-31	BATTERY, LITHIUM (CR2032 TYPE)	
				#2	7-621-771-06	SCREW +B 2X5	

7-3. FRONT CASE (LCD) SECTION



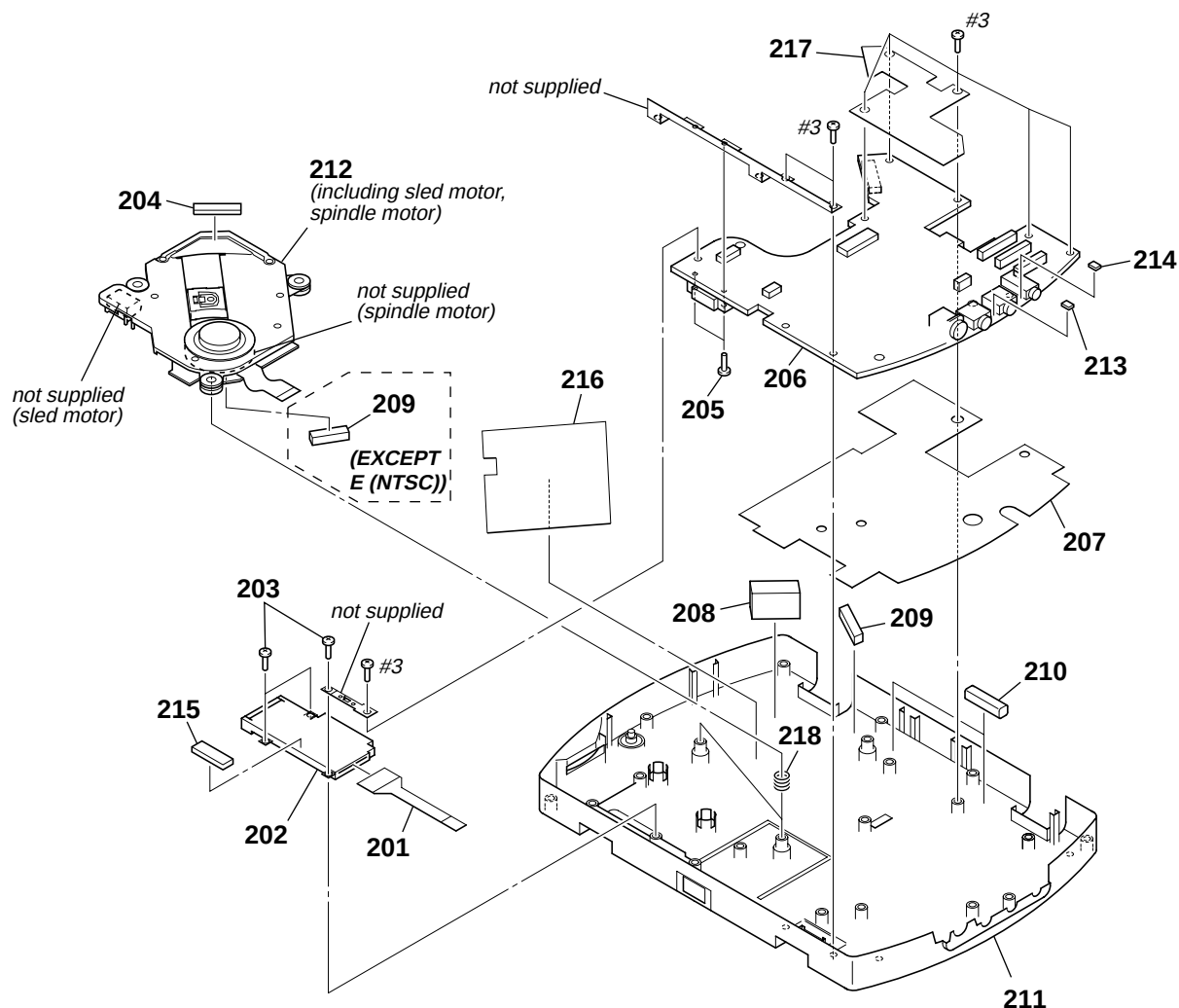
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	2-548-082-01	SPRING (LOCK)		116	A-1111-882-A	MONITOR BOARD, COMPLETE (US, CND)	
102	2-548-081-01	SLIDER (LOCK) (SILVER)		116	A-1112-956-A	MONITOR BOARD, COMPLETE (AEP, UK, RU)	
102	2-548-081-11	SLIDER (LOCK) (BLACK)		116	A-1113-030-A	MONITOR BOARD, COMPLETE	
103	3-254-868-01	CUSHION (LCD)				(E (PAL), TW, AUS)	
104	X-2025-514-1	CASE (LCD) ASSY, FRONT (SILVER)		116	A-1113-058-A	MONITOR BOARD, COMPLETE (E (NTSC))	
				116	A-1118-862-A	MONITOR BOARD, COMPLETE (KR)	
104	X-2055-326-1	CASE (LCD) ASSY, FRONT (BLACK)		116	A-1118-872-A	MONITOR BOARD, COMPLETE (CH)	
105	2-548-074-01	BUTTON (SOURCE) (SILVER)		117	2-548-078-01	TERMINAL (BATT, +)	
105	2-548-074-11	BUTTON (SOURCE) (BLACK)		118	2-548-079-01	TERMINAL (BATT, -)	
106	2-548-075-01	BUTTON (VOL) (▶II, ■, ◀◀, ▶▶, S-MENU, - VOLUME +) (SILVER)		119	2-548-076-01	HOLDER (IR)	
106	2-548-075-11	BUTTON (VOL) (▶II, ■, ◀◀, ▶▶, S-MENU, - VOLUME +) (BLACK)		120	2-632-832-01	SHEET (REMOCON), SHIELD	
107	2-548-073-01	BUTTON (POWER) (●) (SILVER)		121	2-631-641-51	CUSHION (GND) (EXCEPT US, E (NTSC))	
107	2-548-073-11	BUTTON (POWER) (●) (BLACK)		D501	8-719-052-34	LED DAL5821 (IR TRANSMITTER (L-CH))	
108	2-548-069-01	CUSHION (SP) A		D502	8-719-052-34	LED DAL5821 (IR TRANSMITTER (L-CH))	
109	A-1111-883-A	CONTROL BOARD, COMPLETE		D503	8-719-052-34	LED DAL5821 (IR TRANSMITTER (R-CH))	
110	2-629-309-01	CUSHION (REMOCON)		D504	8-719-052-34	LED DAL5821 (IR TRANSMITTER (R-CH))	
111	2-592-188-01	CUSHION (LCD)		LCD900	1-805-867-11	DISPLAY PANEL, LIQUID CRYSTAL	
112	3-254-866-01	RETAINER (LCD)		SP1	1-826-118-11	SPEAKER (1.8cm) (L-CH)	
113	2-548-077-01	PLATE (SHIELD)		SP2	1-826-118-11	SPEAKER (1.8cm) (R-CH)	
114	2-548-070-01	SHEET (LCD)		#3	7-685-504-19	SCREW +BTP 2X6 TYPE2 N-S	
115	2-629-308-01	CUSHION (BUTTON)					

7-4. FRONT CASE (MAIN) SECTION



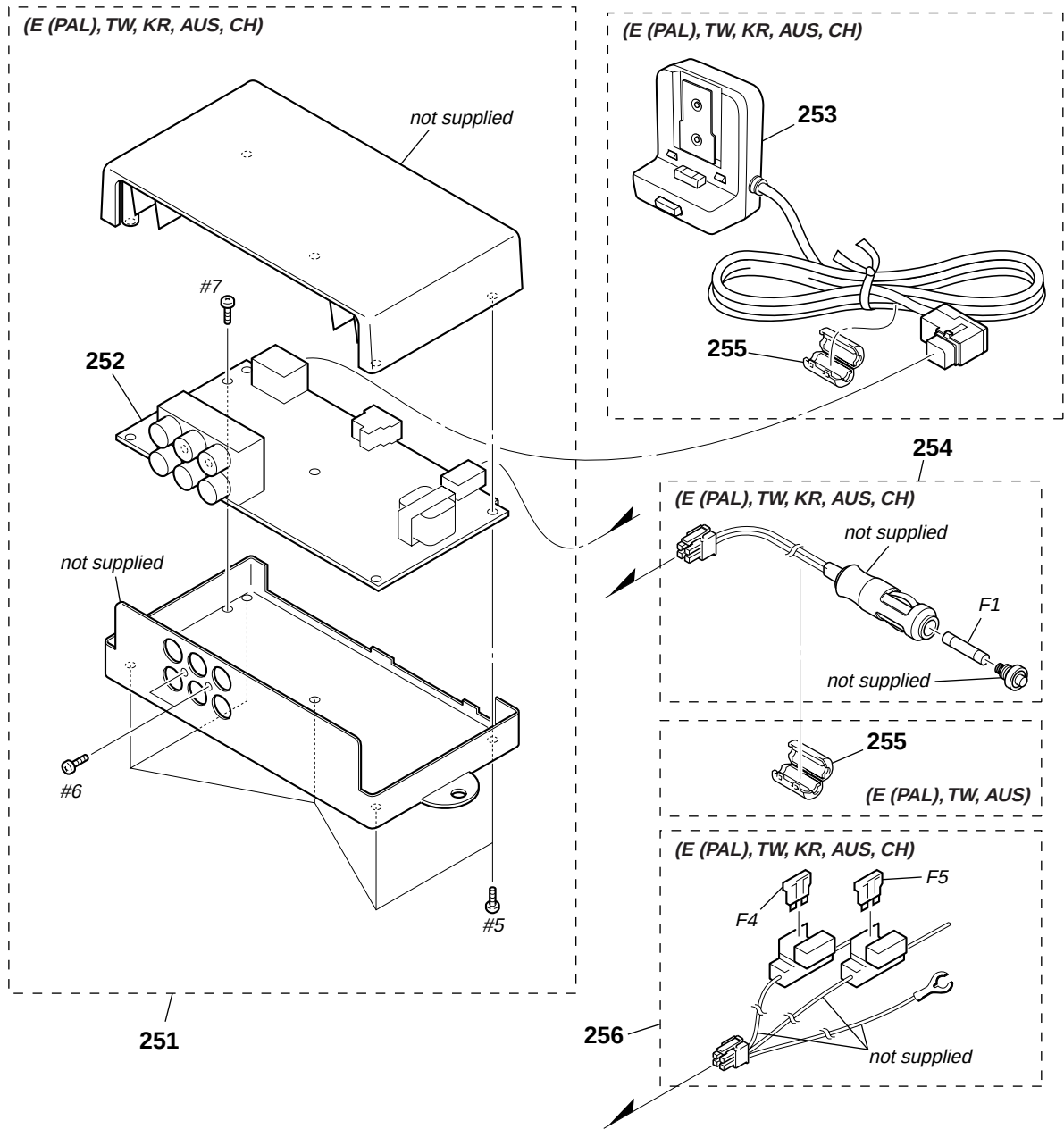
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	2-548-100-01	PLATE (LIFT) (for SILVER)		155	X-2025-518-1	BRACKET (DAMPER) ASSY	
151	2-548-100-11	PLATE (LIFT) (for BLACK)		156	2-548-089-01	BUTTON (OPEN) (SILVER)	
152	2-630-573-01	CUSHION (LIFT) (for SILVER)		156	2-548-089-11	BUTTON (OPEN) (BLACK)	
152	2-630-573-11	CUSHION (LIFT) (for BLACK)		157	2-548-091-01	SLIDER (OPEN) (SILVER)	
153	2-548-094-01	LID (DVD) (SILVER) (US, CND, E (NTSC))		157	2-548-091-11	SLIDER (OPEN) (BLACK)	
153	2-548-094-11	LID (DVD) (BLACK) (E (NTSC))		158	2-548-092-01	SPRING (OPEN)	
153	2-548-094-21	LID (DVD) (SILVER)		159	2-548-090-01	BRACKET (OPEN)	
		(AEP, UK, RU, E (PAL), AUS, CH)		160	2-631-641-61	CUSHION (GND) (EXCEPT E (NTSC))	
153	2-548-094-31	LID (DVD) (BLACK)		#3	7-685-504-19	SCREW +BTP 2X6 TYPE2 N-S	
		(AEP, UK, E (PAL), TW, KR, AUS)		#4	7-685-902-01	SCREW +PTPWH 2.6X5 (TYPE2)	
154	2-548-093-01	SPRING (LID)					

7-5. REAR CASE (MAIN) SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	1-863-494-12	FLEXIBLE (MS) BOARD		211	2-548-097-11	CASE (MAIN), REAR (SILVER)	
202	1-817-116-11	CONNECTOR, MEMORY STICK				(AEP, UK, RU, E (NTSC))	
203	3-318-203-01	SCREW (B 1.7X6), TAPPING		211	2-548-097-31	CASE (MAIN), REAR (BLACK)	
204	2-631-641-01	CUSHION (GND) (EXCEPT CH)				(AEP, UK, E (NTSC))	
205	2-592-189-01	SCREW, M1.6X8		211	X-2025-517-1	CASE (MAIN) ASSY, REAR (SILVER)	
						(US, CND, E (PAL), AUS, CH)	
206	A-1111-887-A	MAIN BOARD, COMPLETE (US, CND)		211	X-2055-329-1	CASE (MAIN) ASSY, REAR (BLACK)	
206	A-1112-960-A	MAIN BOARD, COMPLETE (AEP, UK, RU)				(E (PAL), TW, AUS, KR)	
206	A-1113-033-A	MAIN BOARD, COMPLETE (E (PAL), TW, AUS)		△ 212	1-479-344-11	OPTICAL PICK-UP BLOCK (SDR-085T)	
206	A-1113-062-A	MAIN BOARD, COMPLETE (E (NTSC))					
206	A-1118-865-A	MAIN BOARD, COMPLETE (KR)		213	2-634-184-01	CUSHION (MAIN)	
				214	2-634-184-11	CUSHION (MAIN)	
206	A-1118-875-A	MAIN BOARD, COMPLETE (CH)		215	2-631-641-41	CUSHION (GND) (EXCEPT E (NTSC))	
207	2-629-310-01	SHEET (MAIN)		216	2-651-716-01	SHEET, MAIN (SHIELD) (EXCEPT E (NTSC))	
208	2-631-641-21	CUSHION (GND) (EXCEPT CH)		217	2-655-785-01	SHEET (MAIN A), SHIELD (EXCEPT E (NTSC))	
209	2-631-641-31	CUSHION (GND)		218	2-637-735-01	SPRING (MAIN) (EXCEPT E (NTSC))	
210	2-631-641-11	CUSHION (GND) (EXCEPT CH)		#3	7-685-504-19	SCREW +BTP 2X6 TYPE2 N-S	

7-6. CONNECTION BOX SECTION
(XA-121)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	A-1111-891-A	CONNECTION (UNIT) (121) ASSY (XA-121) (E (PAL), TW, KR, AUS, CH)		F1	1-532-349-11	FUSE (4A/125V) (E (PAL), TW, KR, AUS, CH)	
252	A-1111-892-A	CONNECTION (121) BOARD, COMPLETE (E (PAL), TW, KR, AUS, CH)		F4	1-532-798-11	FUSE (BLADE TYPE) (AUTO FUSE) (1A/32V) (E (PAL), TW, KR, AUS, CH)	
253	A-1111-889-A	CRADLE ASSY (E (PAL), TW, KR, AUS, CH)		F5	1-532-796-11	FUSE (BLADE TYPE) (AUTO FUSE) (5A/32V) (E (PAL), TW, KR, AUS, CH)	
254	1-830-568-21	CORD, CONNECTION (CIGAR) (E (PAL), TW, KR, AUS, CH)		#5	7-685-137-19	SCREW +BTP 2.6X14 TYPE2 N-S (E (PAL), TW, KR, AUS, CH)	
255	1-469-241-11	CORE, FERRITE (RFC-8 BK) (E (PAL), TW, KR, AUS, CH)		#6	7-685-546-19	SCREW +BTP 3X8 TYPE2 N-SV (E (PAL), TW, KR, AUS, CH)	
256	1-829-384-21	CORD, CONNECTION (POWER) (E (PAL), TW, KR, AUS, CH)		#7	7-685-533-19	SCREW +BTP 2.6X6 TYPE2 N-S (E (PAL), TW, KR, AUS, CH)	

SECTION 8
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- Abbreviation
AUS : Australian model KR : Korean model
CH : Chinese model RU : Russian model
CND : Canadian model TW : Taiwan model
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA... : μ A... uPA... : μ PA...
uPB... : μ PB... uPC... : μ PC...
uPD... : μ PD...
- CAPACITORS
uF: μ F
- COILS
uH: μ H

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

原理图和零件清单中标有 Δ 记号的零部件、或带有 Δ 记号的虚线所圈示的零部件，对于维系安全至关重要。因此只能以指定号码的零部件来更换。

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
	A-1111-883-A	CONTROL BOARD, COMPLETE	*****				C109	1-164-813-11	CERAMIC CHIP	15PF	2%	50V	
							C110	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
		< CAPACITOR >					C111	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C112	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C413	1-100-742-91	CERAMIC CHIP	2.2uF	20%	10V		C113	1-113-642-11	TANTALUM CHIP	47uF	20%	10V	
							C114	1-164-245-11	CERAMIC CHIP	0.015uF	10%	25V	
		< DIODE >					C115	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
D418	8-719-017-62	DIODE	MA8068-L-TX					C116	1-162-959-11	CERAMIC CHIP	330PF	5%	50V
							C117	1-162-959-11	CERAMIC CHIP	330PF	5%	50V	
		< IC >					C118	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C119	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
IC404	6-600-439-01	IC	NJL21H400AF3-M					C120	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
		< COIL >					C121	1-104-852-11	TANTALUM CHIP	22uF	20%	10V	
							C122	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
L402	1-412-955-11	INDUCTOR	22uH					C123	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
							C124	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
		< TRANSISTOR >					C125	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
Q406	8-729-905-35	TRANSISTOR	2SC4081-R					C126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
							C127	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
		< RESISTOR >					C128	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C129	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R475	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		C130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R476	1-216-837-11	METAL CHIP	22K	5%	1/10W								
*****							C131	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C132	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
	A-1111-887-A	MAIN BOARD, COMPLETE (US, CND)					C133	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
	A-1112-960-A	MAIN BOARD, COMPLETE (AEP, UK, RU)					C134	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
	A-1113-033-A	MAIN BOARD, COMPLETE (E (PAL), TW, AUS)					C135	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
	A-1113-062-A	MAIN BOARD, COMPLETE (E (NTSC))											
	A-1118-865-A	MAIN BOARD, COMPLETE (KR)					C136	1-162-959-11	CERAMIC CHIP	330PF	5%	50V	
							C137	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
	A-1118-875-A	MAIN BOARD, COMPLETE (CH)					C138	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
		*****					C139	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
		< CAPACITOR >											
							C141	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C101	1-165-908-11	CERAMIC CHIP	1uF	10%	10V		C142	1-162-916-11	CERAMIC CHIP	12PF	5%	50V	
C102	1-165-908-11	CERAMIC CHIP	1uF	10%	10V		C143	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V	
C103	1-165-908-11	CERAMIC CHIP	1uF	10%	10V		C144	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C104	1-165-908-11	CERAMIC CHIP	1uF	10%	10V		C145	1-104-851-11	TANTALUM CHIP	10uF	20%	10V	
C105	1-165-908-11	CERAMIC CHIP	1uF	10%	10V								
							C146	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	
C106	1-164-813-11	CERAMIC CHIP	15PF	2%	50V		C147	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V	
C107	1-164-813-11	CERAMIC CHIP	15PF	2%	50V		C148	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V	
C108	1-164-813-11	CERAMIC CHIP	15PF	2%	50V		C149	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C150	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C227	1-117-681-11	ELECT CHIP	100uF	20%	16V
C151	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C302	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C152	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C303	1-137-910-11	TANTALUM CHIP	10uF	20%	16V
C153	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C304	1-137-910-11	TANTALUM CHIP	10uF	20%	16V
C154	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C310	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C155	1-164-160-11	CERAMIC CHIP	20PF	5%	50V	C311	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C156	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C312	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C157	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C321	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C158	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V	C322	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C159	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C331	1-135-474-21	ELECT	330uF	20%	6.3V
C160	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C332	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C161	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C333	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C162	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C334	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C163	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C336	1-117-681-11	ELECT CHIP	100uF	20%	16V
C164	1-115-581-11	TANTALUM CHIP	100uF	20%	16V	C337	1-137-689-11	TANTALUM CHIP	47uF	20%	16V
C165	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C338	1-137-689-11	TANTALUM CHIP	47uF	20%	16V
C166	1-113-642-11	TANTALUM CHIP	47uF	20%	10V	C339	1-104-852-11	TANTALUM CHIP	22uF	20%	10V
C167	1-117-681-11	ELECT CHIP	100uF	20%	16V	C340	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C168	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C351	1-119-751-11	TANTALUM CHIP	22uF	20%	16V
C169	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C352	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C170	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C353	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C171	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C354	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C172	1-104-851-11	TANTALUM CHIP	10uF	20%	10V	C355	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C174	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C356	1-104-852-11	TANTALUM CHIP	22uF	20%	10V
C175	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C359	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C176	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C360	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C177	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C361	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C178	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C363	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C180	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C364	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C365	1-104-919-11	TANTALUM CHIP	10uF	20%	25V
C182	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C368	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C183	1-137-934-11	TANTALUM CHIP	47uF	20%	10V	C1001	1-126-935-11	ELECT	470uF	20%	16V
C191	1-117-681-11	ELECT CHIP	100uF	20%	16V	C1002	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C192	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1003	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C193	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1004	1-104-919-11	TANTALUM CHIP	10uF	20%	25V
C194	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1005	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C195	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1006	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C196	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1007	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C197	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1008	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C201	1-117-681-11	ELECT CHIP	100uF	20%	16V	C1009	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C202	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1010	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C203	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1011	1-115-412-11	CERAMIC CHIP	680PF	5%	25V
C204	1-117-681-11	ELECT CHIP	100uF	20%	16V	C1012	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C205	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C1013	1-127-573-11	CERAMIC CHIP	1uF	10%	16V
C207	1-117-681-11	ELECT CHIP	100uF	20%	16V	C1014	1-117-681-11	ELECT CHIP	100uF	20%	16V
C208	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1015	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C209	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1016	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C210	1-117-681-11	ELECT CHIP	100uF	20%	16V	C1017	1-128-996-11	ELECT CHIP	4.7uF	20%	50V
C211	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C1018	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C214	1-104-851-11	TANTALUM CHIP	10uF	20%	10V	C1019	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C215	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1020	1-127-861-11	CERAMIC CHIP	2.2uF	10%	16V
C221	1-117-681-11	ELECT CHIP	100uF	20%	16V	C1021	1-117-681-11	ELECT CHIP	100uF	20%	16V
C222	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1022	1-117-681-11	ELECT CHIP	100uF	20%	16V
C223	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1023	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C224	1-117-681-11	ELECT CHIP	100uF	20%	16V	C1024	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C225	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C1025	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C226	1-117-681-11	ELECT CHIP	100uF	20%	16V	C1028	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
						C1029	1-117-681-11	ELECT CHIP	100uF	20%	16V

MV-700HR

Ver. 1.2

MAIN

Ref. No.	Part No.	Description	Remark
C1030	1-127-573-11	CERAMIC CHIP 1uF 10% 16V	
C1032	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C1033	1-127-573-11	CERAMIC CHIP 1uF 10% 16V	
C1034	1-127-573-11	CERAMIC CHIP 1uF 10% 16V	
C1035	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C1036	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C1037	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C1038	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C1039	1-137-910-11	TANTALUM CHIP 10uF 20% 16V	
C1041	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	
C1043	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C1044	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C1045	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C1046	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C1050	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	
C1101	1-100-846-11	TANTALUM CHIP 4.7uF 20% 16V	
C1102	1-100-845-11	TANTALUM CHIP 10uF 20% 16V	
C1112	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1113	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1114	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1115	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1116	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	
C1117	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1118	1-165-875-11	CERAMIC CHIP 10uF 10% 10V	
C1119	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C1120	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C1121	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1123	1-104-700-11	CERAMIC CHIP 0.027uF 10% 16V	
C1124	1-104-700-11	CERAMIC CHIP 0.027uF 10% 16V	
C1125	1-100-742-91	CERAMIC CHIP 2.2uF 20% 10V	
C1126	1-100-742-91	CERAMIC CHIP 2.2uF 20% 10V	
C1129	1-127-820-11	CERAMIC CHIP 4.7uF 10% 16V (US, CND, E (PAL), TW, KR, AUS, CH)	
C1131	1-125-837-11	CERAMIC CHIP 1uF 10% 6.3V (US, CND, E (PAL), TW, KR, AUS, CH)	
C1132	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V (US, CND, E (PAL), TW, KR, AUS, CH)	
C1138	1-127-861-11	CERAMIC CHIP 2.2uF 10% 16V	
C1141	1-107-686-11	TANTALUM CHIP 4.7uF 20% 16V	
C1142	1-137-910-11	TANTALUM CHIP 10uF 20% 16V	
C1143	1-135-474-21	ELECT 330uF 20% 6.3V	
C1144	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V	
C1161	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	
C1201	1-100-846-11	TANTALUM CHIP 4.7uF 20% 16V	
C1202	1-128-694-11	TANTALUM CHIP 22uF 20% 10V	
C1212	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1213	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1214	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1215	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1216	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	
C1217	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1218	1-165-875-11	CERAMIC CHIP 10uF 10% 10V	
C1219	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C1220	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C1221	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1223	1-104-700-11	CERAMIC CHIP 0.027uF 10% 16V	
C1224	1-104-700-11	CERAMIC CHIP 0.027uF 10% 16V	
C1225	1-100-742-91	CERAMIC CHIP 2.2uF 20% 10V	

Ref. No.	Part No.	Description	Remark
C1226	1-100-742-91	CERAMIC CHIP 2.2uF 20% 10V	
C1229	1-127-820-11	CERAMIC CHIP 4.7uF 10% 16V (US, CND, E (PAL), TW, KR, AUS, CH)	
C1231	1-125-837-11	CERAMIC CHIP 1uF 10% 6.3V (US, CND, E (PAL), TW, KR, AUS, CH)	
C1232	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V (US, CND, E (PAL), TW, KR, AUS, CH)	
C1241	1-107-686-11	TANTALUM CHIP 4.7uF 20% 16V	
C1242	1-137-910-11	TANTALUM CHIP 10uF 20% 16V	
C1243	1-135-474-21	ELECT 330uF 20% 6.3V	
C1244	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V	
C1261	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	
C1301	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C1302	1-137-910-11	TANTALUM CHIP 10uF 20% 16V	
C1341	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C1342	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C1343	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C1344	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C1345	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	
C1346	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C1347	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	
C1348	1-100-742-91	CERAMIC CHIP 2.2uF 20% 10V	
C1401	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C1402	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C1404	1-162-966-11	CERAMIC CHIP 0.0022uF 10% 50V	
C1405	1-162-966-11	CERAMIC CHIP 0.0022uF 10% 50V	
C1406	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C1407	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C1408	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C1409	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C1410	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V (US, CND, E (PAL), TW, KR, AUS, CH)	
C1411	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V (US, CND, E (PAL), TW, KR, AUS, CH)	
C1412	1-137-689-11	TANTALUM CHIP 47uF 20% 16V	
C1413	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C1414	1-128-934-11	CERAMIC CHIP 0.33uF 20% 10V	
C1415	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1423	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C1424	1-128-934-11	CERAMIC CHIP 0.33uF 20% 10V	
C1425	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V	
C1426	1-128-934-11	CERAMIC CHIP 0.33uF 20% 10V	
C1553	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C1554	1-127-861-11	CERAMIC CHIP 2.2uF 10% 16V	
C1555	1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
C1701	1-104-851-11	TANTALUM CHIP 10uF 20% 10V	
C1702	1-104-851-11	TANTALUM CHIP 10uF 20% 10V	
C1703	1-117-681-11	ELECT CHIP 100uF 20% 16V	
C1704	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C1705	1-104-851-11	TANTALUM CHIP 10uF 20% 10V	
C1706	1-128-829-11	TANTALUM CHIP 220uF 20% 6.3V	
C1707	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C1709	1-124-779-00	ELECT CHIP 10uF 20% 16V	
C1710	1-104-851-11	TANTALUM CHIP 10uF 20% 10V	
C1711	1-104-852-11	TANTALUM CHIP 22uF 20% 10V	
C1911	1-162-927-11	CERAMIC CHIP 100PF 5% 50V (US, CND, E (PAL), TW, KR, AUS, CH)	
C1912	1-137-910-11	TANTALUM CHIP 10uF 20% 16V	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1913	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		D1011	8-719-421-79	DIODE MA8043-L	
C1914	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		D1012	8-719-988-61	DIODE 1SS355TE-17	
C1915	1-137-910-11	TANTALUM CHIP 10uF 20% 16V		D1013	8-719-988-61	DIODE 1SS355TE-17	
C1916	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		D1014	8-719-422-76	DIODE MA8075-M	
C1917	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V (US, CND, E (PAL), TW, KR, AUS, CH)		D1015	8-719-057-80	DIODE MA8180-M-TX	
C1918	1-137-934-11	TANTALUM CHIP 47uF 20% 10V (US, CND, E (PAL), TW, KR, AUS, CH)		D1016	8-719-988-61	DIODE 1SS355TE-17	
C1919	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V (US, CND, E (PAL), TW, KR, AUS, CH)		D1017	8-719-988-61	DIODE 1SS355TE-17	
C1922	1-165-875-11	CERAMIC CHIP 10uF 10% 10V		D1020	8-719-057-80	DIODE MA8180-M-TX	
C1923	1-137-910-11	TANTALUM CHIP 10uF 20% 16V		D1551	8-719-044-76	DIODE 1SS356-TW11	
C1924	1-137-910-11	TANTALUM CHIP 10uF 20% 16V (US, CND, E (PAL), TW, KR, AUS, CH)		D1552	8-719-069-55	DIODE UDZSTE-175.6B	
C1925	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V (US, CND, E (PAL), TW, KR, AUS, CH)		D1701	8-719-069-55	DIODE UDZSTE-175.6B	
C1926	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V (US, CND, E (PAL), TW, KR, AUS, CH)		D1702	8-719-069-55	DIODE UDZSTE-175.6B	
C1927	1-137-934-11	TANTALUM CHIP 47uF 20% 10V (US, CND, E (PAL), TW, KR, AUS, CH)		D1703	8-719-069-55	DIODE UDZSTE-175.6B	
C1928	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V (US, CND, E (PAL), TW, KR, AUS, CH)		D1704	8-719-069-55	DIODE UDZSTE-175.6B	
C1929	1-127-573-11	CERAMIC CHIP 1uF 10% 16V (US, CND, E (PAL), TW, KR, AUS, CH)		D1901	8-719-800-76	DIODE 1SS226 (US, CND, E (PAL), TW, KR, AUS, CH)	
C1930	1-165-875-11	CERAMIC CHIP 10uF 10% 10V (US, CND, E (PAL), TW, KR, AUS, CH)		D1903	8-719-058-24	DIODE RB501V-40TE-17	
C1931	1-128-934-11	CERAMIC CHIP 0.33uF 20% 10V		< FUSE >			
C1932	1-165-897-11	TANTALUM CHIP 22uF 20% 10V		F1001	1-576-775-21	FUSE (2A/72V)	
C1933	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		F1002	1-576-775-21	FUSE (2A/72V)	
C1934	1-165-897-11	TANTALUM CHIP 22uF 20% 10V		F1003	1-576-775-21	FUSE (2A/72V)	
C1945	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		< FERRITE BEAD/JUMPER RESISTOR >			
< CONNECTOR >				FB123	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
CN103	1-794-909-61	FFC/CONNECTOR, FPC (0.5mm PITCH) 30P		FB124	1-216-864-11	SHORT CHIP 0	
CN104	1-817-223-61	CONNECTOR, FPC (ZIF) 13P		FB125	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
CN105	1-750-337-61	CONNECTOR, FFC/FPC (ZIF) 10P		FB126	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
CN1002	1-819-291-11	PIN, CONNECTOR 3P (RECHARGEABLE BATTERY PACK)		FB127	1-216-864-11	SHORT CHIP 0	
CN1003	1-417-407-11	SOCKET (16P) (CRADLE)		FB128	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
CN1005	1-815-341-21	PIN, CONNECTOR (PWB) 15P		FB129	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
* CN1006	1-778-528-11	PIN, CONNECTOR (PC BOARD) 13P		FB130	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
* CN1007	1-774-177-11	PIN, CONNECTOR (PC BOARD) 12P		FB140	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
CN1008	1-770-622-21	PIN, CONNECTOR 5P		FB152	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
CN1009	1-785-900-21	CONNECTOR 5P		FB153	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
< DIODE >				FB154	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
D171	8-719-069-55	DIODE UDZSTE-175.6B		FB155	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
D172	8-719-069-55	DIODE UDZSTE-175.6B		FB156	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
D173	8-719-069-55	DIODE UDZSTE-175.6B		FB158	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
D174	8-719-069-55	DIODE UDZSTE-175.6B		FB331	1-216-864-11	SHORT CHIP 0	
D331	8-719-988-61	DIODE 1SS355TE-17		FB332	1-216-864-11	SHORT CHIP 0	
D1002	8-719-069-55	DIODE UDZSTE-175.6B		FB333	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
D1003	6-500-754-01	DIODE D1FM3		FB334	1-414-385-21	INDUCTOR, FERRITE BEAD	
D1004	8-719-421-79	DIODE MA8043-L		FB335	1-414-385-21	INDUCTOR, FERRITE BEAD	
D1005	8-719-422-43	DIODE MA8051-H		FB336	1-216-864-11	SHORT CHIP 0	
D1006	8-719-422-16	DIODE MA8039-L-TX		FB337	1-216-864-11	SHORT CHIP 0	
D1007	6-500-754-01	DIODE D1FM3		FB338	1-216-864-11	SHORT CHIP 0	
D1008	6-500-754-01	DIODE D1FM3		FB339	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
D1009	6-500-754-01	DIODE D1FM3		FB340	1-216-864-11	SHORT CHIP 0	
D1010	6-500-754-01	DIODE D1FM3		FB1001	1-469-568-21	INDUCTOR, FERRITE BEAD	
				FB1101	1-414-594-11	INDUCTOR, FERRITE BEAD	
				FB1102	1-216-864-11	SHORT CHIP 0	
				FB1103	1-414-594-11	INDUCTOR, FERRITE BEAD (US, CND, E (PAL), TW, KR, AUS, CH)	
				FB1104	1-400-244-11	BEAD, FERRITE (CHIP) (1608)	
				FB1105	1-469-568-21	INDUCTOR, FERRITE BEAD	
				FB1106	1-469-568-21	INDUCTOR, FERRITE BEAD	
				FB1110	1-400-684-21	INDUCTOR, FERRITE BEAD	

MV-700HR

Ver. 1.2

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
FB1161	1-400-244-11	BEAD, FERRITE (CHIP) (1608)		IC1002	6-707-617-01	IC R1154H001C-FB	
FB1201	1-414-594-11	INDUCTOR, FERRITE BEAD		IC1101	6-704-583-01	IC TPA2005D1ZQYR	
				IC1201	6-704-583-01	IC TPA2005D1ZQYR	
FB1202	1-216-864-11	SHORT CHIP 0		IC1301	8-759-385-17	IC NJM4580E (TE2)	
FB1203	1-414-594-11	INDUCTOR, FERRITE BEAD					
		(US, CND, E (PAL), TW, KR, AUS, CH)		IC1352	8-759-048-67	IC BA3121F	
FB1205	1-414-594-11	INDUCTOR, FERRITE BEAD		IC1401	6-707-974-01	IC BD3872FS	
		(US, CND, E (PAL), TW, KR, AUS, CH)		IC1701	8-759-661-87	IC NJM2535V (TE2)	
FB1210	1-400-684-21	INDUCTOR, FERRITE BEAD		IC1702	6-706-369-01	IC NJM2561F1-TE2	
FB1261	1-400-244-11	BEAD, FERRITE (CHIP) (1608)		IC1901	6-706-862-01	IC NJM2387DL2-TE1	
FB1301	1-216-864-11	SHORT CHIP 0		IC1902	6-705-756-01	IC BA33BC0WFP-E2	
		(US, CND, E (PAL), TW, KR, AUS, CH)		IC1903	A-4678-522-A	STT-01//K (A) (CE)	
FB1302	1-216-864-11	SHORT CHIP 0				(US, CND, E (PAL), TW, KR, AUS, CH)	
		(US, CND, E (PAL), TW, KR, AUS, CH)		IC1904	6-706-118-01	IC RC4580IPWR	
FB1308	1-216-864-11	SHORT CHIP 0				(US, CND, E (PAL), TW, KR, AUS, CH)	
FB1309	1-216-864-11	SHORT CHIP 0		IC1905	8-759-695-94	IC TAR5S33 (TE85R)	
FB1310	1-400-244-11	BEAD, FERRITE (CHIP) (1608)				(US, CND, E (PAL), TW, KR, AUS, CH)	
				IC1906	8-759-667-18	IC PQ018EZ01ZPH	
FB1311	1-400-244-11	BEAD, FERRITE (CHIP) (1608)					
FB1402	1-216-864-11	SHORT CHIP 0				< JACK >	
FB1406	1-216-864-11	SHORT CHIP 0		J1001	1-819-404-11	JACK (SMALL TYPE) (DIA.3.5)	
FB1407	1-216-864-11	SHORT CHIP 0				(HEADPHONES/OPTICAL OUT)	
FB1409	1-216-864-11	SHORT CHIP 0		J1002	1-793-459-21	JACK, DC (POLARITY UNIFIED TYPE)	
						(DC IN 12V)	
FB1410	1-216-864-11	SHORT CHIP 0		J1003	1-764-837-11	JACK (SMALL TYPE) 4P (A/V OUTPUT)	
FB1412	1-216-864-11	SHORT CHIP 0		J1004	1-764-837-11	JACK (SMALL TYPE) 4P (A/V INPUT)	
FB1413	1-216-864-11	SHORT CHIP 0					
FB1414	1-216-864-11	SHORT CHIP 0				< JUMPER RESISTOR >	
FB1902	1-414-594-11	INDUCTOR, FERRITE BEAD		JR1001	1-216-864-11	SHORT CHIP 0	
		(US, CND, E (PAL), TW, KR, AUS, CH)		JR1002	1-216-864-11	SHORT CHIP 0	
FB1903	1-414-594-11	INDUCTOR, FERRITE BEAD		JR1003	1-216-864-11	SHORT CHIP 0	
		(US, CND, E (PAL), TW, KR, AUS, CH)		JR1004	1-216-864-11	SHORT CHIP 0	
		< FILTER >		JR1005	1-216-864-11	SHORT CHIP 0	
FL110	1-234-177-21	FILTER, CHIP EMI		JR1006	1-216-864-11	SHORT CHIP 0	
FL141	1-234-177-21	FILTER, CHIP EMI		JR1007	1-216-864-11	SHORT CHIP 0	
FL164	1-234-177-21	FILTER, CHIP EMI		JR1008	1-216-864-11	SHORT CHIP 0	
FL165	1-234-177-21	FILTER, CHIP EMI		JR1009	1-216-864-11	SHORT CHIP 0	
FL171	1-234-177-21	FILTER, CHIP EMI		JR1010	1-216-864-11	SHORT CHIP 0	
				JR1011	1-216-864-11	SHORT CHIP 0	
FL191	1-234-177-21	FILTER, CHIP EMI		JR1013	1-216-864-11	SHORT CHIP 0	
FL221	1-234-177-21	FILTER, CHIP EMI					
FL227	1-234-177-21	FILTER, CHIP EMI				< COIL/JUMPER RESISTOR >	
FL228	1-234-177-21	FILTER, CHIP EMI		L106	1-414-594-11	INDUCTOR, FERRITE BEAD	
FL301	1-234-177-21	FILTER, CHIP EMI		L108	1-414-594-11	INDUCTOR, FERRITE BEAD	
				L109	1-412-982-21	INDUCTOR 1.8uH	
FL331	1-234-177-21	FILTER, CHIP EMI		L332	1-412-951-11	INDUCTOR 10uH	
FL335	1-234-177-21	FILTER, CHIP EMI		L334	1-412-951-11	INDUCTOR 10uH	
FL341	1-234-177-21	FILTER, CHIP EMI					
FL361	1-234-177-21	FILTER, CHIP EMI		L335	1-412-951-11	INDUCTOR 10uH	
				L1002	1-456-750-11	INDUCTOR 22uH	
		< IC/TUNER PACK >		L1004	1-456-750-11	INDUCTOR 22uH	
IC101	6-706-727-01	IC CXD9804R		L1006	1-456-750-11	INDUCTOR 22uH	
IC103	6-704-004-01	IC BR24L16F-WE2		L1007	1-456-750-11	INDUCTOR 22uH	
IC104	6-805-580-01	IC MBM29LV160BE70TN-FS1					
IC105	6-706-346-01	IC A2V64S40DTP-G75-T		L1101	1-456-501-11	INDUCTOR 33uH	
IC209	6-704-470-01	IC TK11233CMCL-G		L1102	1-456-501-11	INDUCTOR 33uH	
				L1201	1-456-501-11	INDUCTOR 33uH	
IC210	6-704-470-01	IC TK11233CMCL-G		L1202	1-456-501-11	INDUCTOR 33uH	
IC212	6-705-338-01	IC TK11250CMCL-G		L1301	1-216-295-00	SHORT CHIP 0	
IC301	6-707-111-01	IC PCM1753DBQR					
IC302	8-759-662-11	IC TLV2362IPWR		L1401	1-412-963-11	INDUCTOR 100uH	
IC351	6-708-117-01	IC AN41204A		L1402	1-456-501-11	INDUCTOR 33uH	
				L1551	1-412-959-11	INDUCTOR 47uH	
IC1001	8-759-485-77	IC BA9743AFV-E2					

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
L1701	1-412-963-11	INDUCTOR	100uH				R116	1-400-244-11	BEAD, FERRITE (CHIP) (1608)				
L1901	1-216-864-11	SHORT CHIP	0				R118	1-400-244-11	BEAD, FERRITE (CHIP) (1608)				
			(US, CND, E (PAL), TW, KR, AUS, CH)				R119	1-216-833-11	METAL CHIP	10K	5%	1/10W	
L1903	1-216-295-00	SHORT CHIP	0				R120	1-216-864-11	SHORT CHIP	0			
			(US, CND, E (PAL), TW, KR, AUS, CH)				R121	1-216-864-11	SHORT CHIP	0			
< TRANSISTOR >													
Q331	8-729-905-35	TRANSISTOR	2SC4081-R				R122	1-216-809-11	METAL CHIP	100	5%	1/10W	
Q332	8-729-048-50	FET	2SK3018-T106				R123	1-218-935-11	RES-CHIP	33	5%	1/16W	
Q333	8-729-048-50	FET	2SK3018-T106				R124	1-218-935-11	RES-CHIP	33	5%	1/16W	
Q335	8-729-106-60	TRANSISTOR	2SB1115A-YQ				R125	1-218-935-11	RES-CHIP	33	5%	1/16W	
Q336	8-729-106-60	TRANSISTOR	2SB1115A-YQ				R126	1-218-935-11	RES-CHIP	33	5%	1/16W	
Q337	8-729-106-60	TRANSISTOR	2SB1115A-YQ				R127	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
Q1000	8-729-905-35	TRANSISTOR	2SC4081-R				R131	1-216-819-11	METAL CHIP	680	5%	1/10W	
Q1001	8-729-028-91	TRANSISTOR	DTA144EUA-T106				R132	1-216-864-11	SHORT CHIP	0			
Q1002	8-729-029-14	TRANSISTOR	DTC144EUA-T106				R133	1-216-845-11	METAL CHIP	100K	5%	1/10W	
Q1003	8-729-905-35	TRANSISTOR	2SC4081-R				R134	1-218-916-11	METAL CHIP	750K	0.5%	1/10W	
Q1004	8-729-026-52	TRANSISTOR	2SA1576A-T106-R				R136	1-216-845-11	METAL CHIP	100K	5%	1/10W	
Q1005	8-729-040-24	TRANSISTOR	2SD2088 (TPE6)				R137	1-216-835-11	METAL CHIP	15K	5%	1/10W	
Q1006	8-729-120-28	TRANSISTOR	2SC1623-L5L6				R138	1-216-821-11	METAL CHIP	1K	5%	1/10W	
Q1007	8-729-027-43	TRANSISTOR	DTC114EKA-T146				R139	1-216-821-11	METAL CHIP	1K	5%	1/10W	
Q1008	8-729-905-35	TRANSISTOR	2SC4081-R				R141	1-216-864-11	SHORT CHIP	0			
Q1009	8-729-027-59	TRANSISTOR	DTC144EKA-T146				R143	1-216-833-11	METAL CHIP	10K	5%	1/10W	
Q1010	8-729-026-52	TRANSISTOR	2SA1576A-T106-R				R144	1-216-864-11	SHORT CHIP	0			
Q1011	8-729-905-35	TRANSISTOR	2SC4081-R				R145	1-216-833-11	METAL CHIP	10K	5%	1/10W	
			(US, CND, E (PAL), TW, KR, AUS, CH)				R146	1-216-864-11	SHORT CHIP	0			
Q1012	8-729-026-52	TRANSISTOR	2SA1576A-T106-R				R147	1-216-864-11	SHORT CHIP	0			
Q1013	8-729-026-52	TRANSISTOR	2SA1576A-T106-R				R151	1-216-805-11	METAL CHIP	47	5%	1/10W	
Q1014	8-729-027-59	TRANSISTOR	DTC144EKA-T146				R161	1-216-805-11	METAL CHIP	47	5%	1/10W	
Q1015	8-729-027-43	TRANSISTOR	DTC114EKA-T146				R170	1-218-841-11	METAL CHIP	560	0.5%	1/10W	
Q1016	6-550-369-01	FET	TPC8109 (TE12L)				R311	1-218-873-11	METAL CHIP	12K	0.5%	1/10W	
Q1017	6-550-369-01	FET	TPC8109 (TE12L)				R312	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	
Q1101	8-729-047-12	TRANSISTOR	DTC314TU-T106				R313	1-216-833-11	METAL CHIP	10K	5%	1/10W	
Q1103	8-729-047-12	TRANSISTOR	DTC314TU-T106				R314	1-218-990-11	SHORT CHIP	0			
Q1104	8-729-047-12	TRANSISTOR	DTC314TU-T106				R315	1-218-990-11	SHORT CHIP	0			
Q1201	8-729-047-12	TRANSISTOR	DTC314TU-T106				R316	1-218-990-11	SHORT CHIP	0			
Q1203	8-729-047-12	TRANSISTOR	DTC314TU-T106				R321	1-218-873-11	METAL CHIP	12K	0.5%	1/10W	
Q1204	8-729-047-12	TRANSISTOR	DTC314TU-T106				R322	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	
Q1551	8-729-905-35	TRANSISTOR	2SC4081-R				R323	1-216-833-11	METAL CHIP	10K	5%	1/10W	
Q1552	8-729-905-35	TRANSISTOR	2SC4081-R				R331	1-218-667-11	METAL CHIP	91	0.5%	1/10W	
Q1553	8-729-026-52	TRANSISTOR	2SA1576A-T106-R				R332	1-218-667-11	METAL CHIP	91	0.5%	1/10W	
< RESISTOR/FERRITE BEAD >													
R101	1-216-864-11	SHORT CHIP	0				R333	1-216-864-11	SHORT CHIP	0			
R102	1-216-864-11	SHORT CHIP	0				R334	1-216-864-11	SHORT CHIP	0			
R103	1-216-864-11	SHORT CHIP	0				R336	1-216-864-11	SHORT CHIP	0			
R104	1-216-864-11	SHORT CHIP	0				R337	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R105	1-216-833-11	METAL CHIP	10K	5%	1/10W		R338	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R106	1-216-864-11	SHORT CHIP	0				R340	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R107	1-216-839-11	METAL CHIP	33K	5%	1/10W		R341	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R108	1-216-864-11	SHORT CHIP	0				R342	1-216-793-11	METAL CHIP	4.7	5%	1/10W	
R109	1-216-836-11	METAL CHIP	18K	5%	1/10W		R343	1-216-793-11	METAL CHIP	4.7	5%	1/10W	
R110	1-216-864-11	SHORT CHIP	0				R344	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R111	1-218-292-11	METAL CHIP	20K	5%	1/10W		R345	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R112	1-216-803-11	METAL CHIP	33	5%	1/10W		R349	1-216-001-00	RES-CHIP	10	5%	1/10W	
R113	1-216-805-11	METAL CHIP	47	5%	1/10W		R350	1-216-001-00	RES-CHIP	10	5%	1/10W	
R114	1-400-244-11	BEAD, FERRITE (CHIP) (1608)					R351	1-216-864-11	SHORT CHIP	0			
R115	1-400-244-11	BEAD, FERRITE (CHIP) (1608)					R352	1-216-833-11	METAL CHIP	10K	5%	1/10W	
							R353	1-218-292-11	METAL CHIP	20K	5%	1/10W	
							R354	1-216-835-11	METAL CHIP	15K	5%	1/10W	

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Ver. 1.2

MAIN

Ref. No.	Part No.	Description	Remark		
R355	1-216-835-11	METAL CHIP	15K	5%	1/10W
R356	1-216-835-11	METAL CHIP	15K	5%	1/10W
R357	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R358	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R359	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R361	1-216-864-11	SHORT CHIP	0		
R362	1-216-864-11	SHORT CHIP	0		
R363	1-216-864-11	SHORT CHIP	0		
R364	1-216-864-11	SHORT CHIP	0		
R365	1-216-815-11	METAL CHIP	330	5%	1/10W
R369	1-218-446-11	METAL CHIP	1	5%	1/10W
R370	1-218-446-11	METAL CHIP	1	5%	1/10W
R373	1-216-864-11	SHORT CHIP	0		
R374	1-216-864-11	SHORT CHIP	0		
R375	1-216-864-11	SHORT CHIP	0		
R376	1-216-864-11	SHORT CHIP	0		
R377	1-216-864-11	SHORT CHIP	0		
R378	1-216-864-11	SHORT CHIP	0		
R379	1-216-864-11	SHORT CHIP	0		
R380	1-216-864-11	SHORT CHIP	0		
R381	1-216-864-11	SHORT CHIP	0		
R382	1-216-864-11	SHORT CHIP	0		
R383	1-216-864-11	SHORT CHIP	0		
R384	1-216-815-11	METAL CHIP	330	5%	1/10W
R386	1-216-864-11	SHORT CHIP	0		
R387	1-216-864-11	SHORT CHIP	0		
R1001	1-218-885-11	METAL CHIP	39K	0.5%	1/10W
R1002	1-216-836-11	METAL CHIP	18K	5%	1/10W
R1003	1-218-864-11	METAL CHIP	5.1K	0.5%	1/10W
R1004	1-216-836-11	METAL CHIP	18K	5%	1/10W
R1005	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1006	1-218-885-11	METAL CHIP	39K	0.5%	1/10W
R1007	1-218-885-11	METAL CHIP	39K	0.5%	1/10W
R1008	1-216-813-11	METAL CHIP	220	5%	1/10W
R1009	1-216-813-11	METAL CHIP	220	5%	1/10W
R1010	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1011	1-220-277-11	METAL CHIP	2.2K	5%	1/4W
R1012	1-216-864-11	SHORT CHIP	0		
R1013	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R1014	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1015	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1016	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1017	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1018	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1019	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1020	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1021	1-216-836-11	METAL CHIP	18K	5%	1/10W
R1022	1-216-849-11	METAL CHIP	220K	5%	1/10W
R1023	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1024	1-216-097-11	RES-CHIP	100K	5%	1/10W
R1025	1-216-797-11	METAL CHIP	10	5%	1/10W
R1026	1-216-813-11	METAL CHIP	220	5%	1/10W
R1027	1-216-813-11	METAL CHIP	220	5%	1/10W
R1028	1-220-277-11	METAL CHIP	2.2K	5%	1/4W
R1029	1-216-838-11	METAL CHIP	27K	5%	1/10W
R1030	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R1031	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1032	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description	Remark		
R1033	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R1034	1-218-857-11	METAL CHIP	2.7K	0.5%	1/10W
R1035	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1036	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1037	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1038	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1039	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1041	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1042	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1043	1-218-885-11	METAL CHIP	39K	0.5%	1/10W
R1044	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1045	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R1046	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1048	1-216-797-11	METAL CHIP	10	5%	1/10W
R1049	1-216-816-11	METAL CHIP	390	5%	1/10W
R1050	1-218-890-11	METAL CHIP	62K	0.5%	1/10W
R1051	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R1054	1-216-849-11	METAL CHIP	220K	5%	1/10W
R1055	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1101	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1102	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1120	1-216-864-11	SHORT CHIP	0		
R1122	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1123	1-216-843-11	METAL CHIP	68K	5%	1/10W
R1124	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1125	1-216-864-11	SHORT CHIP	0		
R1126	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1127	1-216-864-11	SHORT CHIP	0		
R1131	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1137	1-216-864-11	SHORT CHIP	0		
R1138	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1139	1-216-836-11	METAL CHIP	18K	5%	1/10W
R1140	1-216-836-11	METAL CHIP	18K	5%	1/10W
R1142	1-216-864-11	SHORT CHIP	0		
R1144	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1145	1-216-835-11	METAL CHIP	15K	5%	1/10W
R1146	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1147	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1153	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1154	1-216-834-11	METAL CHIP	12K	5%	1/10W
R1155	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R1156	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R1157	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1158	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R1159	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1161	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1162	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1201	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1202	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1220	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1222	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1710	1-218-285-11	METAL CHIP	75	5%	1/10W
R1223	1-216-843-11	METAL CHIP	68K	5%	1/10W						
R1224	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1910	1-216-797-11	METAL CHIP	10	5%	1/10W
R1225	1-216-864-11	SHORT CHIP	0					(US, CND, E (PAL), TW, KR, AUS, CH)			
R1226	1-216-841-11	METAL CHIP	47K	5%	1/10W	R1911	1-216-864-11	SHORT CHIP	0		
						R1912	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1227	1-216-864-11	SHORT CHIP	0					(US, CND, E (PAL), TW, KR, AUS, CH)			
R1228	1-216-864-11	SHORT CHIP	0			R1913	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1229	1-216-864-11	SHORT CHIP	0					(US, CND, E (PAL), TW, KR, AUS, CH)			
R1231	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1914	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1237	1-216-864-11	SHORT CHIP	0					(US, CND, E (PAL), TW, KR, AUS, CH)			
R1238	1-216-845-11	METAL CHIP	100K	5%	1/10W	R1916	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1239	1-216-836-11	METAL CHIP	18K	5%	1/10W			(US, CND, E (PAL), TW, KR, AUS, CH)			
R1240	1-216-836-11	METAL CHIP	18K	5%	1/10W	R1917	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1242	1-216-864-11	SHORT CHIP	0					(US, CND, E (PAL), TW, KR, AUS, CH)			
		(US, CND, E (PAL), TW, KR, AUS, CH)				R1918	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1244	1-216-830-11	METAL CHIP	5.6K	5%	1/10W			(US, CND, E (PAL), TW, KR, AUS, CH)			
		(US, CND, E (PAL), TW, KR, AUS, CH)				R1919	1-216-841-11	METAL CHIP	47K	5%	1/10W
								(US, CND, E (PAL), TW, KR, AUS, CH)			
R1245	1-216-835-11	METAL CHIP	15K	5%	1/10W	R1920	1-216-809-11	METAL CHIP	100	5%	1/10W
		(US, CND, E (PAL), TW, KR, AUS, CH)						(US, CND, E (PAL), TW, KR, AUS, CH)			
R1246	1-216-821-11	METAL CHIP	1K	5%	1/10W						
		(US, CND, E (PAL), TW, KR, AUS, CH)				R1921	1-216-230-00	RES-CHIP	22K	5%	1/8W
R1247	1-216-821-11	METAL CHIP	1K	5%	1/10W			< COMPOSITION CIRCUIT BLOCK >			
		(US, CND, E (PAL), TW, KR, AUS, CH)									
R1253	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	RB101	1-234-371-21	RES, NETWORK	47 (1005X4)		
R1254	1-216-834-11	METAL CHIP	12K	5%	1/10W	RB102	1-234-371-21	RES, NETWORK	47 (1005X4)		
								< VARIABLE RESISTOR >			
R1255	1-216-793-11	METAL CHIP	4.7	5%	1/10W						
R1256	1-216-793-11	METAL CHIP	4.7	5%	1/10W						
R1257	1-216-821-11	METAL CHIP	1K	5%	1/10W	RV1001	1-225-895-21	RES, ADJ, CERMET (3 TYPE)	1K		
R1258	1-216-828-11	METAL CHIP	3.9K	5%	1/10W			< SWITCH >			
R1259	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W	S101	1-762-970-22	SWITCH, PUSH (1 KEY)			
R1262	1-216-839-11	METAL CHIP	33K	5%	1/10W			(DISC LID OPEN/CLOSE DETECT)			
R1341	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	S102	1-762-970-22	SWITCH, PUSH (1 KEY)			
R1342	1-216-829-11	METAL CHIP	4.7K	5%	1/10W			(DISC LID OPEN/CLOSE DETECT)			
R1343	1-216-837-11	METAL CHIP	22K	5%	1/10W			< THERMISTOR >			
R1344	1-216-837-11	METAL CHIP	22K	5%	1/10W	TH1001	1-809-361-21	THERMISTOR (2125)			
R1345	1-216-807-11	METAL CHIP	68	5%	1/10W			< VARISTOR >			
R1346	1-216-807-11	METAL CHIP	68	5%	1/10W						
R1401	1-216-830-11	METAL CHIP	5.6K	5%	1/10W						
R1402	1-216-852-11	METAL CHIP	390K	5%	1/10W						
R1403	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	VDR1001	1-801-866-11	VARISTOR ERZV14D220			
R1404	1-216-852-11	METAL CHIP	390K	5%	1/10W			< VIBRATOR >			
R1405	1-216-809-11	METAL CHIP	100	5%	1/10W						
R1406	1-216-809-11	METAL CHIP	100	5%	1/10W						
R1552	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	X101	1-781-867-21	VIBRATOR, CRYSTAL (27MHz)			

R1553	1-216-837-11	METAL CHIP	22K	5%	1/10W			A-1111-882-A	MONITOR BOARD, COMPLETE (US, CND)		
R1554	1-216-837-11	METAL CHIP	22K	5%	1/10W			A-1112-956-A	MONITOR BOARD, COMPLETE (AEP, UK, RU)		
R1555	1-216-833-11	METAL CHIP	10K	5%	1/10W			A-1113-030-A	MONITOR BOARD, COMPLETE		
R1556	1-216-296-11	SHORT CHIP	0						(E (PAL), TW, AUS)		
R1558	1-216-835-11	METAL CHIP	15K	5%	1/10W			A-1113-058-A	MONITOR BOARD, COMPLETE (E (NTSC))		
								A-1118-862-A	MONITOR BOARD, COMPLETE (KR)		
R1559	1-216-835-11	METAL CHIP	15K	5%	1/10W			A-1118-872-A	MONITOR BOARD, COMPLETE (CH)		
R1602	1-216-841-11	METAL CHIP	47K	5%	1/10W			*****			
R1603	1-216-829-11	METAL CHIP	4.7K	5%	1/10W			< CAPACITOR/FILTER >			
R1701	1-218-285-11	METAL CHIP	75	5%	1/10W						
R1702	1-218-285-11	METAL CHIP	75	5%	1/10W						
R1703	1-216-864-11	SHORT CHIP	0			C401	1-128-704-11	ELECT	47uF		16V
R1704	1-216-809-11	METAL CHIP	100	5%	1/10W	C402	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
R1705	1-216-864-11	SHORT CHIP	0			C403	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R1708	1-218-285-11	METAL CHIP	75	5%	1/10W						

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MONITOR

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C404	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C640	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C405	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C701	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C406	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C702	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C407	1-100-352-11	CERAMIC CHIP	1uF	20%	16V	C703	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C408	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C704	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C409	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C705	1-100-742-91	CERAMIC CHIP	2.2uF	20%	10V
C410	1-162-912-11	CERAMIC CHIP	7PF	0.5PF	50V	C706	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C411	1-162-912-11	CERAMIC CHIP	7PF	0.5PF	50V	C707	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C412	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C708	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C414	1-100-742-91	CERAMIC CHIP	2.2uF	20%	10V	C709	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C415	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C710	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C416	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C711	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C417	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C712	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C418	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C713	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C420	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C714	1-135-177-21	TANTALUM CHIP	1uF	10%	25V
C421	1-117-579-21	DOUBLE LAYER	0.1F		3.5V	C715	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C425	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C716	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C501	1-100-672-11	CERAMIC CHIP	10uF	20%	16V	C717	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C502	1-100-672-11	CERAMIC CHIP	10uF	20%	16V	C718	1-126-934-11	ELECT	220uF	20%	16V
C503	1-100-352-11	CERAMIC CHIP	1uF	20%	16V	C719	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C504	1-100-352-11	CERAMIC CHIP	1uF	20%	16V	C720	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C505	1-128-704-11	ELECT	47uF		16V	C721	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C506	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C722	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C507	1-137-934-11	TANTALUM CHIP	47uF	20%	10V	C723	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C724	1-119-751-11	TANTALUM CHIP	22uF	20%	16V
C509	1-100-672-11	CERAMIC CHIP	10uF	20%	16V	C725	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C511	1-135-973-21	ELECT CHIP	22uF	20%	16V	C726	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C512	1-100-352-11	CERAMIC CHIP	1uF	20%	16V	C727	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C513	1-162-959-11	CERAMIC CHIP	330PF	5%	50V	C728	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C514	1-162-959-11	CERAMIC CHIP	330PF	5%	50V	C729	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C601	1-128-704-11	ELECT	47uF		16V	C730	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C602	1-100-352-11	CERAMIC CHIP	1uF	20%	16V	C731	1-104-919-11	TANTALUM CHIP	10uF	20%	25V
C603	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C732	1-100-742-91	CERAMIC CHIP	2.2uF	20%	10V
C604	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C733	1-100-742-91	CERAMIC CHIP	2.2uF	20%	10V
C605	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C734	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C608	1-100-352-11	CERAMIC CHIP	1uF	20%	16V	C735	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C609	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C736	1-100-742-91	CERAMIC CHIP	2.2uF	20%	10V
C610	1-100-352-11	CERAMIC CHIP	1uF	20%	16V	C737	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C611	1-100-352-11	CERAMIC CHIP	1uF	20%	16V	C739	1-100-845-11	TANTALUM CHIP	10uF	20%	16V
C612	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C740	1-100-352-11	CERAMIC CHIP	1uF	20%	16V
C613	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V	C741	1-162-977-11	CERAMIC CHIP	0.0018uF	10%	50V
C614	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	C742	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C615	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V	C743	1-119-751-11	TANTALUM CHIP	22uF	20%	16V
C616	1-137-980-11	CERAMIC CHIP	0.47uF	10%	50V	C744	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C617	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V	C745	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C618	1-164-315-11	CERAMIC CHIP	470PF	5%	50V	C746	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C619	1-100-372-21	CERAMIC CHIP	15PF	5%	3.15KV	C747	1-100-743-91	CERAMIC CHIP	2.2uF	20%	16V
C620	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	C752	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C630	1-119-751-11	TANTALUM CHIP	22uF	20%	16V	C753	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C631	1-137-689-11	TANTALUM CHIP	47uF	20%	16V	C754	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C632	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C755	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C633	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C756	1-162-909-11	CERAMIC CHIP	4PF	0.25PF	50V
C634	1-137-689-11	TANTALUM CHIP	47uF	20%	16V	C757	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C635	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C758	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C636	1-119-751-11	TANTALUM CHIP	22uF	20%	16V	C759	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C637	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C760	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C638	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C761	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
						C762	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C801	1-104-851-11	TANTALUM CHIP 10uF 20%	10V	D402	8-719-069-55	DIODE UDZSTE-175.6B	
C802	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	D403	8-719-069-55	DIODE UDZSTE-175.6B	
				D404	8-719-069-55	DIODE UDZSTE-175.6B	
C803	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	D405	8-719-069-55	DIODE UDZSTE-175.6B	
C804	1-162-924-11	CERAMIC CHIP 56PF 5%	50V	D406	8-719-069-55	DIODE UDZSTE-175.6B	
C805	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	D407	8-719-069-55	DIODE UDZSTE-175.6B	
C806	1-100-352-11	CERAMIC CHIP 1uF 20%	16V	D408	8-719-069-55	DIODE UDZSTE-175.6B	
C807	1-104-851-11	TANTALUM CHIP 10uF 20%	10V	D409	8-719-069-55	DIODE UDZSTE-175.6B	
C808	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	D410	8-719-069-55	DIODE UDZSTE-175.6B	
C809	1-239-896-12	FILTER, EMI (SMD)		D411	8-719-069-55	DIODE UDZSTE-175.6B	
C810	1-239-896-12	FILTER, EMI (SMD)		D412	8-719-069-55	DIODE UDZSTE-175.6B	
C811	1-239-896-12	FILTER, EMI (SMD)		D413	8-719-069-55	DIODE UDZSTE-175.6B	
C812	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	D414	8-719-069-55	DIODE UDZSTE-175.6B	
C813	1-164-245-11	CERAMIC CHIP 0.015uF 10%	25V	D416	8-719-069-55	DIODE UDZSTE-175.6B	
C814	1-164-739-11	CERAMIC CHIP 560PF 5%	50V	D417	8-719-069-55	DIODE UDZSTE-175.6B	
C815	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	D419	8-719-069-55	DIODE UDZSTE-175.6B	
C816	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	D420	8-719-421-79	DIODE MA8043-L (TX)	
C817	1-100-845-11	TANTALUM CHIP 10uF 20%	16V	D421	8-719-069-55	DIODE UDZSTE-175.6B	
C818	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	D422	8-719-058-24	DIODE RB501V-40TE-17	
C819	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	D423	8-719-069-55	DIODE UDZSTE-175.6B	
C851	1-100-436-11	CERAMIC CHIP 0.033uF 10%	25V	D424	8-719-069-55	DIODE UDZSTE-175.6B	
C852	1-100-672-11	CERAMIC CHIP 10uF 20%	16V	D425	8-719-069-55	DIODE UDZSTE-175.6B	
C854	1-100-672-11	CERAMIC CHIP 10uF 20%	16V	D426	8-719-058-24	DIODE RB501V-40TE-17	
C855	1-100-672-11	CERAMIC CHIP 10uF 20%	16V	D501	8-719-052-34	LED DAL5821 (IR TRANSMITTER (L-CH))	
C856	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	D502	8-719-052-34	LED DAL5821 (IR TRANSMITTER (L-CH))	
C857	1-100-671-11	CERAMIC CHIP 4.7uF 20%	25V	D503	8-719-052-34	LED DAL5821 (IR TRANSMITTER (R-CH))	
C901	1-125-891-11	CERAMIC CHIP 0.47uF 10%	10V	D504	8-719-052-34	LED DAL5821 (IR TRANSMITTER (R-CH))	
C902	1-115-581-11	TANTALUM CHIP 100uF 20%	16V	D601	8-719-069-55	DIODE UDZSTE-175.6B	
C903	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	D701	8-719-044-76	DIODE 1SS356-TW11	
C904	1-164-005-11	CERAMIC CHIP 0.47uF 25V		D801	8-719-027-74	DIODE 1SV231-TPH3	
C905	1-100-672-11	CERAMIC CHIP 10uF 20%	16V	D802	8-719-044-76	DIODE 1SS356-TW11	
C906	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	D804	8-719-044-76	DIODE 1SS356-TW11	
C907	1-164-700-11	CERAMIC CHIP 0.68uF 16V		D805	8-719-044-76	DIODE 1SS356-TW11	
C908	1-164-700-11	CERAMIC CHIP 0.68uF 16V		D901	6-500-460-01	DIODE RSX101M-30TR	
C909	1-164-700-11	CERAMIC CHIP 0.68uF 16V		D902	8-719-081-34	DIODE RB160M-30TR	
C910	1-164-700-11	CERAMIC CHIP 0.68uF 16V		D903	8-719-058-24	DIODE RB501V-40TE-17	
C911	1-100-672-11	CERAMIC CHIP 10uF 20%	16V	D904	8-719-058-24	DIODE RB501V-40TE-17	
C923	1-100-671-11	CERAMIC CHIP 4.7uF 20%	25V	D906	8-719-044-76	DIODE 1SS356-TW11	
C924	1-100-672-11	CERAMIC CHIP 10uF 20%	16V	D907	8-719-044-76	DIODE 1SS356-TW11	
C925	1-100-672-11	CERAMIC CHIP 10uF 20%	16V	D908	8-719-058-24	DIODE RB501V-40TE-17	
C926	1-100-671-11	CERAMIC CHIP 4.7uF 20%	25V	D909	8-719-058-24	DIODE RB501V-40TE-17	
C927	1-100-672-11	CERAMIC CHIP 10uF 20%	16V			< FUSE/JUMPER RESISTOR >	
C928	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	F501	1-216-864-11	SHORT CHIP 0	
C929	1-128-704-11	ELECT 47uF 16V		F601	1-576-415-21	FUSE (2A/32V)	
		< CONNECTOR >		F901	1-216-864-11	SHORT CHIP 0	
CN904	1-691-742-11	PIN, CONNECTOR (PC BOARD) 4P				< FERRITE BEAD >	
CN907	1-794-237-21	CONNECTOR, FFC/FPC 30P		FB801	1-414-594-11	INDUCTOR, FERRITE BEAD	
CN908	1-815-494-21	PIN, CONNECTOR 2P		FB802	1-414-594-11	INDUCTOR, FERRITE BEAD	
* CN912	1-691-741-21	PIN, CONNECTOR (PC BOARD) 2P		FB914	1-414-235-22	INDUCTOR, FERRITE BEAD	
* CN913	1-691-741-21	PIN, CONNECTOR (PC BOARD) 2P				< IC >	
CN915	1-774-732-11	PIN, CONNECTOR (PC BOARD) 15P		IC401	6-805-456-01	IC uPD780024AGK-C85-9ET-A	
* CN916	1-764-085-21	PIN, CONNECTOR (PC BOARD) 13P		IC402	6-703-695-01	IC S-80827CNMC-B8MT2G	
CN917	1-774-935-11	PIN, CONNECTOR (PC BOARD) 12P		IC403	6-704-001-01	IC BR24L02F-WE2	
		< DIODE >		IC419	6-708-119-01	IC PCA8565TS	
D5	6-500-511-01	LED CL-270PG-C-TS (POWER)		IC501	8-759-497-48	IC TA2061AF-EL	
D401	8-719-069-55	DIODE UDZSTE-175.6B					

MV-700HR

MONITOR

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
IC601	6-707-943-01	IC MP1015EF-LF-Z		Q853	8-729-905-35	TRANSISTOR	2SC4081-R
IC631	6-704-470-01	IC TK11233CMCL-G		Q854	8-729-026-52	TRANSISTOR	2SA1576A-T106-R
IC632	6-705-338-01	IC TK11250CMCL-G					
IC701	6-704-269-01	IC AN2546FH-AV		Q855	6-550-139-01	TRANSISTOR	IMZ1A-T108
IC751	6-803-083-01	IC uPD6467GR-546-E1				< RESISTOR >	
IC801	6-704-648-01	IC MN5814		R8	1-216-817-11	METAL CHIP	470 5% 1/10W
IC802	8-759-575-16	IC LMC7101BIM5X		R401	1-216-809-11	METAL CHIP	100 5% 1/10W
IC851	8-759-278-58	IC NJM4558V-TE2		R402	1-216-821-11	METAL CHIP	1K 5% 1/10W
IC901	6-707-778-01	IC LT3463EDD		R403	1-216-821-11	METAL CHIP	1K 5% 1/10W
		< COIL/JUMPER RESISTOR >		R404	1-216-833-11	METAL CHIP	10K 5% 1/10W
L401	1-412-955-11	INDUCTOR	22uH	R405	1-216-809-11	METAL CHIP	100 5% 1/10W
L403	1-456-501-11	INDUCTOR	33uH	R406	1-216-809-11	METAL CHIP	100 5% 1/10W
L601	1-419-424-21	INDUCTOR	47uH	R407	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
L702	1-412-959-11	INDUCTOR	47uH	R408	1-216-833-11	METAL CHIP	10K 5% 1/10W
L703	1-469-527-11	INDUCTOR	47uH	R409	1-216-864-11	SHORT CHIP	0
L704	1-412-959-11	INDUCTOR	47uH	R410	1-216-809-11	METAL CHIP	100 5% 1/10W
L705	1-412-959-11	INDUCTOR	47uH	R411	1-216-809-11	METAL CHIP	100 5% 1/10W
L751	1-412-955-11	INDUCTOR	22uH	R412	1-216-809-11	METAL CHIP	100 5% 1/10W
L752	1-412-955-11	INDUCTOR	22uH	R413	1-216-809-11	METAL CHIP	100 5% 1/10W
L801	1-412-951-11	INDUCTOR	10uH	R414	1-216-809-11	METAL CHIP	100 5% 1/10W
L802	1-400-194-11	INDUCTOR	1.8uH	R416	1-216-809-11	METAL CHIP	100 5% 1/10W
L803	1-412-951-11	INDUCTOR	10uH	R417	1-216-837-11	METAL CHIP	22K 5% 1/10W
L804	1-412-951-11	INDUCTOR	10uH	R418	1-216-821-11	METAL CHIP	1K 5% 1/10W
L805	1-412-951-11	INDUCTOR	10uH	R419	1-216-809-11	METAL CHIP	100 5% 1/10W
L806	1-216-864-11	SHORT CHIP	0	R420	1-216-809-11	METAL CHIP	100 5% 1/10W
L851	1-412-951-11	INDUCTOR	10uH	R421	1-216-809-11	METAL CHIP	100 5% 1/10W
L852	1-412-951-11	INDUCTOR	10uH	R422	1-216-845-11	METAL CHIP	100K 5% 1/10W
L901	1-456-439-21	INDUCTOR	150uH				(EXCEPT KR, CH)
L902	1-412-951-11	INDUCTOR	10uH	R423	1-216-845-11	METAL CHIP	100K 5% 1/10W
L903	1-469-527-11	INDUCTOR	47uH				(KR, CH)
L904	1-412-951-11	INDUCTOR	10uH	R424	1-216-809-11	METAL CHIP	100 5% 1/10W
L907	1-410-381-11	INDUCTOR	10uH	R425	1-216-809-11	METAL CHIP	100 5% 1/10W
L908	1-412-951-11	INDUCTOR	10uH	R426	1-216-809-11	METAL CHIP	100 5% 1/10W
L909	1-410-381-11	INDUCTOR	10uH	R427	1-216-809-11	METAL CHIP	100 5% 1/10W
L910	1-412-951-11	INDUCTOR	10uH	R428	1-216-809-11	METAL CHIP	100 5% 1/10W
L911	1-412-951-11	INDUCTOR	10uH	R429	1-216-809-11	METAL CHIP	100 5% 1/10W
		< TRANSISTOR >		R430	1-216-809-11	METAL CHIP	100 5% 1/10W
Q407	8-729-905-35	TRANSISTOR	2SC4081-R	R431	1-216-809-11	METAL CHIP	100 5% 1/10W
Q410	8-729-038-68	TRANSISTOR	KRC103S	R432	1-216-809-11	METAL CHIP	100 5% 1/10W
Q501	6-550-632-01	TRANSISTOR	2SC4672-T100-Q	R434	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q502	6-550-632-01	TRANSISTOR	2SC4672-T100-Q	R435	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q503	6-550-587-01	TRANSISTOR	2SD2657K-T146	R436	1-216-809-11	METAL CHIP	100 5% 1/10W
Q601	8-729-905-35	TRANSISTOR	2SC4081-R	R437	1-216-809-11	METAL CHIP	100 5% 1/10W
Q701	8-729-905-35	TRANSISTOR	2SC4081-R	R438	1-216-809-11	METAL CHIP	100 5% 1/10W
Q702	8-729-905-35	TRANSISTOR	2SC4081-R	R439	1-216-809-11	METAL CHIP	100 5% 1/10W
Q703	8-729-905-35	TRANSISTOR	2SC4081-R	R440	1-216-809-11	METAL CHIP	100 5% 1/10W
Q704	8-729-026-52	TRANSISTOR	2SA1576A-T106-R	R441	1-216-809-11	METAL CHIP	100 5% 1/10W
Q705	8-729-905-35	TRANSISTOR	2SC4081-R	R442	1-216-809-11	METAL CHIP	100 5% 1/10W
Q706	8-729-905-35	TRANSISTOR	2SC4081-R	R443	1-216-809-11	METAL CHIP	100 5% 1/10W
Q707	8-729-905-35	TRANSISTOR	2SC4081-R	R444	1-216-809-11	METAL CHIP	100 5% 1/10W
Q751	8-729-029-14	TRANSISTOR	DTC144EUA-T106	R445	1-216-809-11	METAL CHIP	100 5% 1/10W
Q802	8-729-029-14	TRANSISTOR	DTC144EUA-T106	R446	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q803	8-729-044-37	FET	2SK3019TL	R447	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q851	8-729-905-35	TRANSISTOR	2SC4081-R	R448	1-216-809-11	METAL CHIP	100 5% 1/10W
Q852	8-729-026-52	TRANSISTOR	2SA1576A-T106-R	R449	1-216-809-11	METAL CHIP	100 5% 1/10W
				R450	1-216-809-11	METAL CHIP	100 5% 1/10W
				R451	1-216-809-11	METAL CHIP	100 5% 1/10W

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R452	1-216-809-11	METAL CHIP	100	5%	1/10W	R616	1-216-821-11	METAL CHIP	1K	5%	1/10W
R453	1-216-809-11	METAL CHIP	100	5%	1/10W	R617	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R454	1-216-809-11	METAL CHIP	100	5%	1/10W	R618	1-216-851-11	METAL CHIP	330K	5%	1/10W
R455	1-216-809-11	METAL CHIP	100	5%	1/10W	R619	1-218-680-11	METAL CHIP	330	0.5%	1/10W
R456	1-216-809-11	METAL CHIP	100	5%	1/10W	R620	1-218-680-11	METAL CHIP	330	0.5%	1/10W
R458	1-216-841-11	METAL CHIP	47K	5%	1/10W	R701	1-218-708-11	METAL CHIP	4.7K	0.5%	1/10W
R459	1-216-809-11	METAL CHIP	100	5%	1/10W	R702	1-216-835-11	METAL CHIP	15K	5%	1/10W
R460	1-216-841-11	METAL CHIP	47K	5%	1/10W	R703	1-216-839-11	METAL CHIP	33K	5%	1/10W
R460	1-216-845-11	METAL CHIP	100K	5%	1/10W (AEP, UK, RU) (EXCEPT AEP, UK, RU)	R704	1-216-821-11	METAL CHIP	1K	5%	1/10W
R466	1-216-809-11	METAL CHIP	100	5%	1/10W	R705	1-216-864-11	SHORT CHIP	0		
R468	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R706	1-216-815-11	METAL CHIP	330	5%	1/10W
R469	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R707	1-216-849-11	METAL CHIP	220K	5%	1/10W
R470	1-216-841-11	METAL CHIP	47K	5%	1/10W	R708	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R470	1-216-845-11	METAL CHIP	100K	5%	1/10W (E (NTSC))	R709	1-218-272-11	METAL CHIP	5.1K	5%	1/10W
R472	1-216-864-11	SHORT CHIP	0			R710	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R477	1-216-817-11	METAL CHIP	470	5%	1/10W (AEP, UK, RU, E (PAL), TW, AUS, CH)	R711	1-216-841-11	METAL CHIP	47K	5%	1/10W
R478	1-216-820-11	METAL CHIP	820	5%	1/10W	R712	1-216-837-11	METAL CHIP	22K	5%	1/10W
R479	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R713	1-216-837-11	METAL CHIP	22K	5%	1/10W
R480	1-216-864-11	SHORT CHIP	0			R714	1-216-805-11	METAL CHIP	47	5%	1/10W
R481	1-216-864-11	SHORT CHIP	0			R715	1-216-805-11	METAL CHIP	47	5%	1/10W
R482	1-216-844-11	METAL CHIP	82K	5%	1/10W	R716	1-216-805-11	METAL CHIP	47	5%	1/10W
R483	1-216-837-11	METAL CHIP	22K	5%	1/10W	R717	1-216-821-11	METAL CHIP	1K	5%	1/10W
R491	1-216-817-11	METAL CHIP	470	5%	1/10W	R718	1-216-833-11	METAL CHIP	10K	5%	1/10W
R492	1-216-820-11	METAL CHIP	820	5%	1/10W	R719	1-216-837-11	METAL CHIP	22K	5%	1/10W
R493	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R720	1-216-833-11	METAL CHIP	10K	5%	1/10W
R500	1-216-864-11	SHORT CHIP	0			R721	1-216-833-11	METAL CHIP	10K	5%	1/10W
R501	1-216-849-11	METAL CHIP	220K	5%	1/10W	R722	1-216-844-11	METAL CHIP	82K	5%	1/10W
R502	1-216-849-11	METAL CHIP	220K	5%	1/10W	R723	1-216-845-11	METAL CHIP	100K	5%	1/10W
R504	1-216-857-11	METAL CHIP	1M	5%	1/10W	R724	1-216-839-11	METAL CHIP	33K	5%	1/10W
R506	1-216-841-11	METAL CHIP	47K	5%	1/10W	R725	1-216-857-11	METAL CHIP	1M	5%	1/10W
R507	1-216-841-11	METAL CHIP	47K	5%	1/10W	R726	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R508	1-216-864-11	SHORT CHIP	0			R727	1-216-833-11	METAL CHIP	10K	5%	1/10W
R509	1-216-864-11	SHORT CHIP	0			R728	1-216-809-11	METAL CHIP	100	5%	1/10W
R510	1-216-841-11	METAL CHIP	47K	5%	1/10W	R729	1-216-809-11	METAL CHIP	100	5%	1/10W
R511	1-216-841-11	METAL CHIP	47K	5%	1/10W	R730	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R512	1-216-801-11	METAL CHIP	22	5%	1/10W	R731	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R513	1-216-801-11	METAL CHIP	22	5%	1/10W	R732	1-216-809-11	METAL CHIP	100	5%	1/10W
R514	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R733	1-216-809-11	METAL CHIP	100	5%	1/10W
R515	1-216-841-11	METAL CHIP	47K	5%	1/10W	R734	1-216-809-11	METAL CHIP	100	5%	1/10W
R516	1-216-837-11	METAL CHIP	22K	5%	1/10W	R735	1-216-809-11	METAL CHIP	100	5%	1/10W
R517	1-216-837-11	METAL CHIP	22K	5%	1/10W	R736	1-216-809-11	METAL CHIP	100	5%	1/10W
R522	1-216-801-11	METAL CHIP	22	5%	1/10W	R751	1-216-821-11	METAL CHIP	1K	5%	1/10W
R523	1-216-801-11	METAL CHIP	22	5%	1/10W	R752	1-216-821-11	METAL CHIP	1K	5%	1/10W
R601	1-216-833-11	METAL CHIP	10K	5%	1/10W	R753	1-216-821-11	METAL CHIP	1K	5%	1/10W
R602	1-216-837-11	METAL CHIP	22K	5%	1/10W	R754	1-216-845-11	METAL CHIP	100K	5%	1/10W
R603	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R755	1-216-833-11	METAL CHIP	10K	5%	1/10W
R605	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	R756	1-216-833-11	METAL CHIP	10K	5%	1/10W
R606	1-211-985-11	METAL CHIP	47	0.5%	1/10W	R757	1-216-821-11	METAL CHIP	1K	5%	1/10W
R607	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R758	1-216-821-11	METAL CHIP	1K	5%	1/10W
R610	1-216-851-11	METAL CHIP	330K	5%	1/10W	R801	1-216-833-11	METAL CHIP	10K	5%	1/10W
R611	1-216-821-11	METAL CHIP	1K	5%	1/10W	R802	1-216-853-11	METAL CHIP	470K	5%	1/10W
R612	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R803	1-216-813-11	METAL CHIP	220	5%	1/10W
R613	1-216-845-11	METAL CHIP	100K	5%	1/10W	R804	1-216-838-11	METAL CHIP	27K	5%	1/10W
R614	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R805	1-216-809-11	METAL CHIP	100	5%	1/10W
R615	1-216-845-11	METAL CHIP	100K	5%	1/10W	R807	1-216-809-11	METAL CHIP	100	5%	1/10W
						R808	1-216-809-11	METAL CHIP	100	5%	1/10W
						R809	1-216-809-11	METAL CHIP	100	5%	1/10W

MV-700HR

Ver. 1.2

MONITOR

Ref. No.	Part No.	Description			Remark
R810	1-216-821-11	METAL CHIP	1K	5%	1/10W
R811	1-216-821-11	METAL CHIP	1K	5%	1/10W
R812	1-216-821-11	METAL CHIP	1K	5%	1/10W
R813	1-216-821-11	METAL CHIP	1K	5%	1/10W
R814	1-216-821-11	METAL CHIP	1K	5%	1/10W
R815	1-216-809-11	METAL CHIP	100	5%	1/10W
R816	1-216-809-11	METAL CHIP	100	5%	1/10W
R817	1-216-809-11	METAL CHIP	100	5%	1/10W
R818	1-216-809-11	METAL CHIP	100	5%	1/10W
R819	1-216-821-11	METAL CHIP	1K	5%	1/10W
R820	1-216-864-11	SHORT CHIP	0		
R824	1-216-809-11	METAL CHIP	100	5%	1/10W
R825	1-216-809-11	METAL CHIP	100	5%	1/10W
R826	1-216-809-11	METAL CHIP	100	5%	1/10W
R827	1-216-809-11	METAL CHIP	100	5%	1/10W
R828	1-216-809-11	METAL CHIP	100	5%	1/10W
R829	1-216-809-11	METAL CHIP	100	5%	1/10W
R830	1-216-809-11	METAL CHIP	100	5%	1/10W
R831	1-216-809-11	METAL CHIP	100	5%	1/10W
R832	1-216-864-11	SHORT CHIP	0		
R833	1-216-841-11	METAL CHIP	47K	5%	1/10W
R834	1-216-809-11	METAL CHIP	100	5%	1/10W
R835	1-216-809-11	METAL CHIP	100	5%	1/10W
R836	1-216-821-11	METAL CHIP	1K	5%	1/10W
R837	1-216-809-11	METAL CHIP	100	5%	1/10W
R838	1-216-864-11	SHORT CHIP	0		
R839	1-216-833-11	METAL CHIP	10K	5%	1/10W
R840	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R841	1-216-843-11	METAL CHIP	68K	5%	1/10W
R842	1-216-857-11	METAL CHIP	1M	5%	1/10W
R843	1-216-843-11	METAL CHIP	68K	5%	1/10W
R844	1-216-841-11	METAL CHIP	47K	5%	1/10W
R845	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R846	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R847	1-216-837-11	METAL CHIP	22K	5%	1/10W
R848	1-216-843-11	METAL CHIP	68K	5%	1/10W
R851	1-216-840-11	METAL CHIP	39K	5%	1/10W
R852	1-216-840-11	METAL CHIP	39K	5%	1/10W
R853	1-216-839-11	METAL CHIP	33K	5%	1/10W
R854	1-216-805-11	METAL CHIP	47	5%	1/10W
R855	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R856	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R857	1-216-842-11	METAL CHIP	56K	5%	1/10W
R858	1-216-805-11	METAL CHIP	47	5%	1/10W
R859	1-216-837-11	METAL CHIP	22K	5%	1/10W
R860	1-216-834-11	METAL CHIP	12K	5%	1/10W
R861	1-216-841-11	METAL CHIP	47K	5%	1/10W
R862	1-216-834-11	METAL CHIP	12K	5%	1/10W
R863	1-216-840-11	METAL CHIP	39K	5%	1/10W
R864	1-216-837-11	METAL CHIP	22K	5%	1/10W
R901	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R902	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R903	1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W
R904	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R905	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R910	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R920	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R921	1-216-829-11	METAL CHIP	4.7K	5%	1/10W

Ref. No.	Part No.	Description	Remark
R923	1-216-864-11	SHORT CHIP 0	
		< VARIABLE RESISTOR >	
RV801	1-225-905-21	RES, ADJ, CERMET (3 TYPE) 47K	
RV851	1-225-905-21	RES, ADJ, CERMET (3 TYPE) 47K	
		< SWITCH >	
S401	1-786-860-11	SWITCH, TACTILE (S-MENU)	
S402	1-786-860-11	SWITCH, TACTILE (VOLUME -)	
S403	1-786-860-11	SWITCH, TACTILE (VOLUME +)	
S404	1-786-860-11	SWITCH, TACTILE (SOURCE)	
S406	1-786-860-11	SWITCH, TACTILE (▶▶)	
S407	1-786-860-11	SWITCH, TACTILE (■)	
S408	1-786-860-11	SWITCH, TACTILE (◀◀)	
S409	1-786-860-11	SWITCH, TACTILE (▶▶)	
S412	1-786-860-11	SWITCH, TACTILE (POWER)	
S413	1-786-175-31	SWITCH, TACTILE (RESET)	
		< TRANSFORMER >	
T1033	1-443-763-11	TRANSFORMER, INVERTER	
		< VIBRATOR >	
X401	1-795-427-21	VIBRATOR, CERAMIC (4.19MHz)	
X402	1-813-202-11	VIBRATOR, CRYSTAL (32.768kHz)	
X701	1-767-104-21	VIBRATOR, CRYSTAL (3.58MHz)	
X702	1-813-108-11	QUARTZ CRYSTAL UNIT (4.43MHz)	

		MISCELLANEOUS	

3	X-2022-450-1	WIRE (ANTENNA) ASSY (US, CND, E (PAL), TW, KR, AUS, CH)	
4	1-829-358-21	CORD, CONNECTION (CIGAR) (US, CND, AEP, UK, RU)	
5	1-829-358-31	CORD, CONNECTION (CIGAR) (E (NTSC))	
△ 6	1-468-626-52	ADAPTOR, AC (MPA-AC1)	
7	1-469-241-11	CORE, FERRITE (RFC-8 BK) (US, CND, AEP, UK, RU)	
8	1-765-080-91	CORD, CONNECTION (AUDIO/VIDEO CABLE) (E (NTSC))	
8	1-824-097-11	CORD, CONNECTION (AUDIO/VIDEO INPUT CABLE) (US, CND, E (PAL), TW, KR, AUS, CH)	
9	A-1121-886-A	CRADLE ASSY (US, CND, AEP, UK, RU, E (NTSC))	
△ 10	1-829-237-11	CORD, POWER (for AC ADAPTOR) (US, CND, E (NTSC))	
△ 11	1-827-480-11	POWER-SUPPLY CORD (for AC ADAPTOR) (AEP, UK)	
△ 12	1-827-481-11	POWER-SUPPLY CORD (for AC ADAPTOR) (AEP, UK, RU, E (PAL), AUS)	
△ 13	1-776-985-12	CORD, POWER (KR)	
△ 14	1-827-947-31	CORD, POWER (CH)	
△ 15	1-830-518-11	POWER-SUPPLY CORD SET (TW)	
201	1-863-494-12	FLEXIBLE (MS) BOARD	
202	1-817-116-11	CONNECTOR, MEMORY STICK	
△ 212	1-479-344-11	OPTICAL PICK-UP BLOCK (SDR-085T)	
251	A-1111-891-A	CONNECTION (UNIT) (121) ASSY (XA-121) (E (PAL), TW, KR, AUS, CH)	

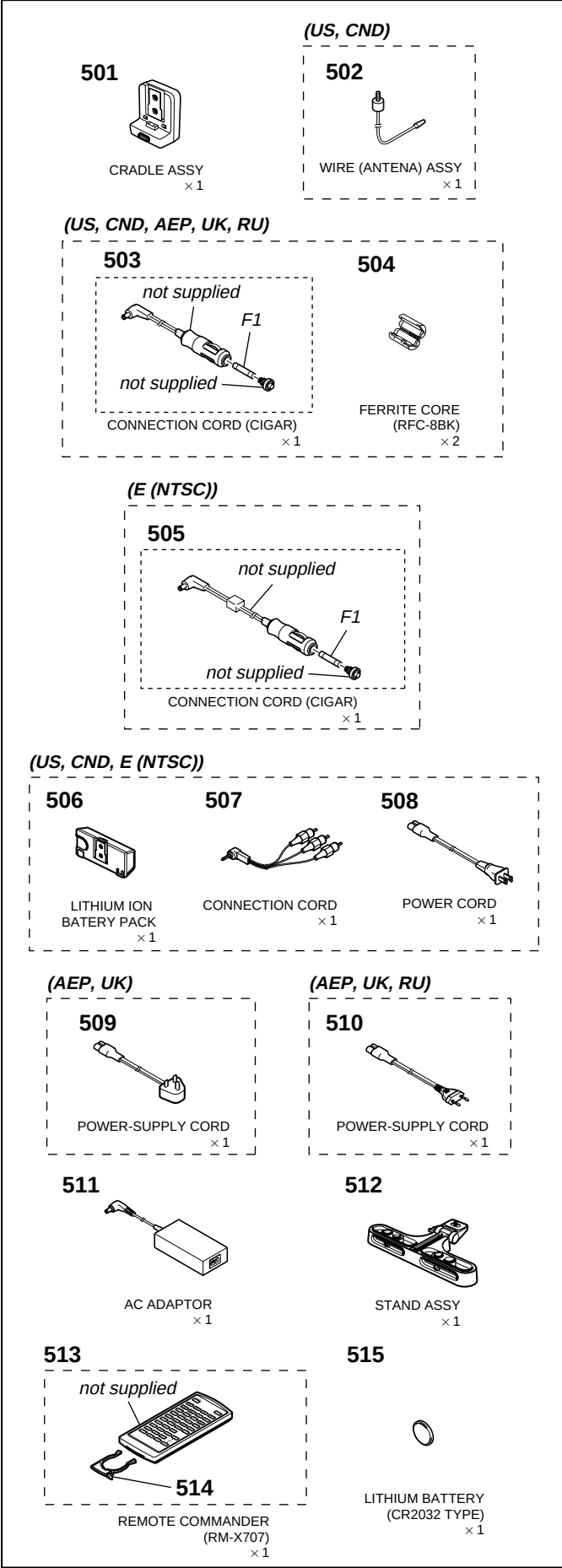
Ref. No.	Part No.	Description	Remark
253	A-1111-889-A	CRADLE ASSY (E (PAL), TW, KR, AUS, CH)	
254	1-830-568-21	CORD, CONNECTION (CIGAR) (E (PAL), TW, KR, AUS, CH)	
255	1-469-241-11	CORE, FERRITE (RFC-8 BK) (E (PAL), TW, KR, AUS, CH)	
256	1-829-384-21	CORD, CONNECTION (POWER) (E (PAL), TW, KR, AUS, CH)	
BATT101	1-528-174-31	BATTERY, LITHIUM (CR2032 TYPE)	
F1	1-532-349-11	FUSE (4A/125V)	
F4	1-532-798-11	FUSE (BLADE TYPE) (AUTO FUSE) (1A/32V) (E (PAL), TW, KR, AUS, CH)	
F5	1-532-796-11	FUSE (BLADE TYPE) (AUTO FUSE) (5A/32V) (E (PAL), TW, KR, AUS, CH)	
LCD900	1-805-867-11	DISPLAY PANEL, LIQUID CRYSTAL	
SP1	1-826-118-11	SPEAKER (1.8cm) (L-CH)	
SP2	1-826-118-11	SPEAKER (1.8cm) (R-CH)	

ACCESSORIES

2-592-507-01	BAG, CARRYING
2-595-492-13	MANUAL, INSTRUCTION (ENGLISH, SPANISH, FRENCH) (US, CND)
2-595-492-22	MANUAL, INSTRUCTION (ENGLISH, TRADITIONAL CHINESE) (E (PAL), TW, KR, AUS)
2-595-492-33	MANUAL, INSTRUCTION (ENGLISH, FRENCH, GERMAN, DUTCH, ITALIAN) (AEP, UK)
2-595-492-43	MANUAL, INSTRUCTION (ENGLISH, SPANISH) (E (NTSC))
2-595-492-51	MANUAL, INSTRUCTION (SIMPLIFIED CHINESE) (CH)
2-595-492-63	MANUAL, INSTRUCTION (RUSSIAN) (RU)

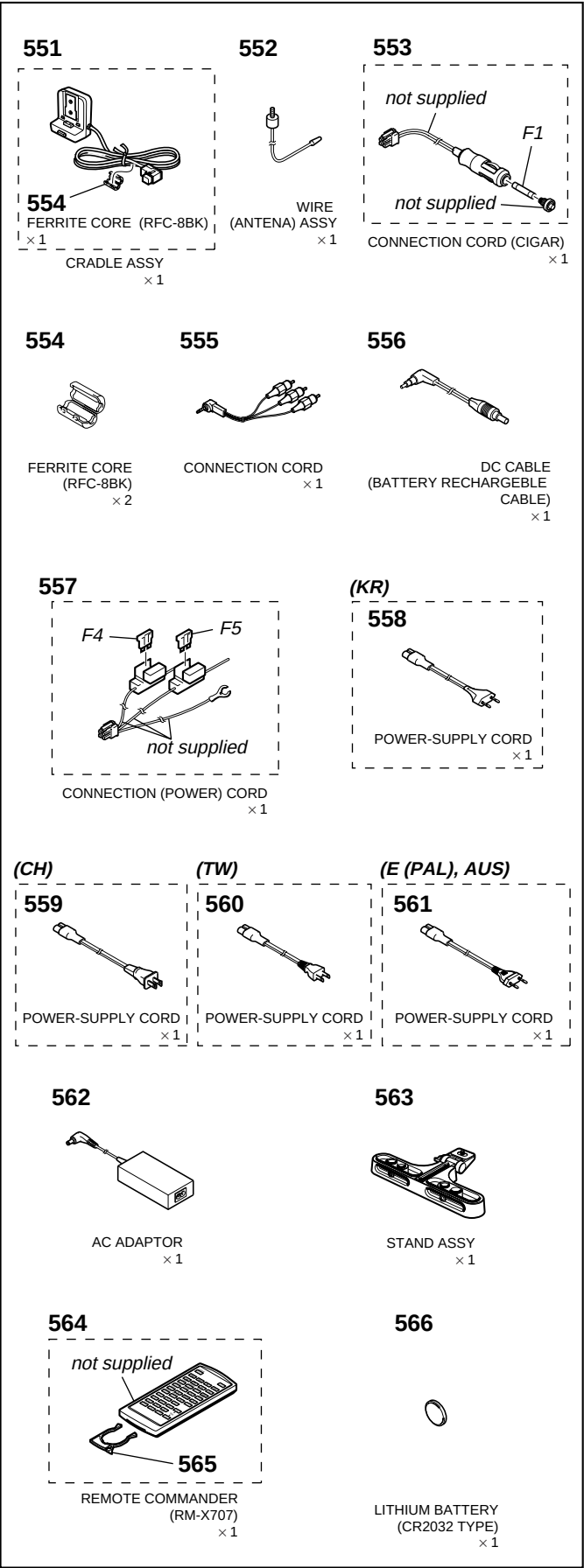
Ref. No.	Part No.	Description	Remark
		PARTS FOR INSTALLATION AND CONNECTIONS (US, CND, AEP, UK, RU, E (NTSC)) *****	
501	A-1121-886-A	CRADLE ASSY	
502	X-2022-450-1	WIRE (ANTENNA) ASSY (US, CND)	
503	1-829-358-21	CORD, CONNECTION (CIGAR) (US, CND, AEP, UK, RU)	
504	1-469-241-11	CORE, FERRITE (RFC-8 BK) (US, CND, AEP, UK, RU)	
505	1-829-358-31	CORD, CONNECTION (CIGAR) (E (NTSC))	
506	1-756-573-12	BATTERY PACK, LITHIUM ION (LIP4075VCP (UC)) (US, CND)	
506	1-756-573-22	BATTERY PACK, LITHIUM ION (LIP4075VCP (UC)) (E (NTSC))	
507	1-765-080-91	CORD, CONNECTION (AUDIO/VIDEO CABLE) (E (NTSC))	
507	1-824-097-11	CORD, CONNECTION (AUDIO/VIDEO CABLE) (US, CND)	
△ 508	1-829-237-11	CORD, POWER (for AC ADAPTOR) (US, CND, E (NTSC))	
△ 509	1-827-480-11	POWER-SUPPLY CORD (for AC ADAPTOR) (AEP, UK)	
△ 510	1-827-481-11	POWER-SUPPLY CORD (for AC ADAPTOR) (AEP, UK, RU)	
△ 511	1-468-626-52	ADAPTOR, AC (MPA-AC1)	
512	X-2050-889-1	STAND ASSY	
513	1-479-245-11	REMOTE COMMANDER (RM-X707)	
514	2-548-730-01	LID, BATTERY CASE (for RM-X707)	
515	1-528-174-31	BATTERY, LITHIUM (CR2032 TYPE)	
F1	1-532-349-11	FUSE (4A/125V)	

(US, CND, AEP, UK, RU, E (NTSC))



Ref. No. Part No. Description Remark (E (PAL), KR, TW, AUS, CH)

PARTS FOR INSTALLATION AND CONNECTIONS (E (PAL), KR, TW, AUS, CH) *****				
551	A-1111-889-A	CRADLE ASSY		
552	X-2022-450-1	WIRE (ANTENNA) ASSY		
553	1-830-568-21	CORD, CONNECTION (CIGAR)		
554	1-469-241-11	CORE, FERRITE (RFC-8 BK)		
555	1-824-097-11	CORD, CONNECTION (AUDIO/VIDEO CABLE)		
556	1-827-498-21	CABLE, DC (BATTERY RECHARGEABLE CABLE)		
557	1-829-384-21	CORD, CONNECTION (POWER)		
△ 558	1-776-985-11	CORD, POWER (KR)		
△ 559	1-827-947-31	CORD, POWER (CH)		
△ 560	1-830-518-11	POWER-SUPPLY CORD SET (TW)		
△ 561	1-827-481-11	POWER-SUPPLY CORD (for AC ADAPTOR) (E (PAL), AUS)		
△ 562	1-468-626-52	ADAPTOR, AC (MPA-AC1)		
563	X-2050-889-1	STAND ASSY		
564	1-479-245-11	REMOTE COMMANDER (RM-X707)		
565	2-548-730-01	LID, BATTERY CASE (for RM-X707)		
566	1-528-174-31	BATTERY, LITHIUM (CR2032 TYPE)		
F1	1-532-349-11	FUSE (4A/125V)		
F4	1-532-798-11	FUSE (BLADE TYPE) (AUTO FUSE) (1A/32V)		
F5	1-532-796-11	FUSE (BLADE TYPE) (AUTO FUSE) (5A/32V)		



REVISION HISTORY

Clicking the version allows you to jump to the revised page.

Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

[illegible]